

**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Pray  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12			
2	JULY	26	Phylum protozoa: General characters & outline classification up to classes. Type Study: Paramecium @ Phylum porifera: General characters & outline classification upto classes. Type Study: Sycon; canal system in Sponges	Home Assignment	
3	AUGUST	23	1) Coelenterate: General characters & classification; Obelia, polymorphism in coelenterates, corals & coral reef formation. 2) Platyhelminthes: General characters & classification; Fasciola. 3) Nematohelminthes: General characters & classification; Ascaris.	Seminar	Prep ch
4	SEPTEMBER	14	1) Annelida: General characters & classification; Leech coelom & coelomoducts in Annelids. 2) Arthropoda: General characters & classification; - prawn, crustacean larva, peripatus. 3) Molluscs: - General characters & classification; - pila, pearl formation in molluscs	Home Assignment	ment of dis
5	OCTOBER	10	1) Echinodermata: General characters & classification; - star fish. 2) General characters of Hemichordata: - structure and affinities of Balanoglossus.	Home Assignment	pro dis
6	NOVEMBER	20	1) cell theory 2) ultra structure of animal cell. 3) Structure of plasma membrane - fluid-mosaic model & transport function - passive & active transport & bulk transport.	Seminar	prep
7	DECEMBER	24	Structure & function of Endoplasmic reticulum Golgi body, Ribosomes, lysosomes & mitochondrion. Chromosomes - nomenclature type & structure. Giant chromosomes - polytene & Lampbrush chromosomes. Cell division - cell cycle stage, check points & regulation. Mitosis; Meiosis & significance	Group discussion	
8	JANUARY	21	Classification of carbohydrates, structure of monosaccharides, Disaccharides, polysaccharides. Amino acids: General properties, nomenclature, classification & structure, protein function, chemical nature & nutrition, Peptide bond & structure	Quiz	
9	FEBRUARY	19	Lipids: - classification, structure of Fatty acids. Triacylglycerols, phospholipids and steroids. @ Structure of purines, pyrimidines, ribose & deoxyribose sugars. Watson & Crick model of DNA, structure of RNA & types of RNA.	class assignment	pre m
10	MARCH		Practicals and Theory exams		
11	APRIL				
12	MAY				

R. S. Rao  
 Academic Co-ordinator

Devi  
 IAC  
 Co-ordinator

P. V. Ulme Sani  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Zoology

GROUP: B.Sc

LECTURER: M. Prani

PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Urochordata, Cephalochordata, Chordates, General characters of cyclostomata and fishes, Type Study of Scolidon.	Class Assignment	
2	JULY	26	Scolidon, Migration in fishes and types of scales, General characters of Amphibia Type study of Rana, parental care in amphibians	Seminar	
3	AUGUST	23	General characters and classification of Reptilia Type study of calotes, classification of Aves Type study of pigeon, Migration of birds, flight adaptations	Home Assignment	prepare chart
4	SEPTEMBER	11	General characters and classification of mammalia Dentition in mammals,	Group discussion	prepare model for exam
5	OCTOBER	10	Spermatogenesis, Oogenesis and fertilization Types of eggs	Home Assignment	
6	NOVEMBER	20	Type of cleavage, Development of frog, foetal membranes, placenta, Regeneration	Quiz	group discussion
7	DECEMBER	24	Biogeochemical cycle, Definition of community Community interactions, Ecological Succession	Class Assignment	prepare chart
8	JANUARY	21	population ecology, Growth curves of animal populations	Group discussion	debate
9	FEBRUARY	19	Population regulation mechanisms, Growth of human population, Zoogeographical realms	Pre Final Exam	prepare Model
10	MARCH		Practicals and Theory exams		
11	APRIL				
12	MAY				

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P. V. Uluru Sani

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Zoology

LECTURER: M. Manjula

GROUP: Bac.

PAPER: III

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Digestion, Types of Digestion, Digestion of carbohydrates, proteins, lipids, Absorption and assimilation, Gastrointestinal hormones	Home Assignment	
2	JULY	26	Types of respiration, Structure of mammalian lungs, Transport of O <sub>2</sub> and CO <sub>2</sub> , Cellular respiration, open and closed circulation, Structure of heart, Regulation of heart rate	Quiz	Prepara- chart
3	AUGUST	23	excretion, forms of nitrogenous waste materials, Gross organisation of excretory system and structure of kidney, Structure of nephron, Structure and types of muscles, skeletal muscle, muscle contraction	Group discussion	
4	SEPTEMBER	11	Structure of nerve cell, Nature of nerve impulse, Conduction of nerve impulse along an axon, Structure of Synapse, mechanism of synaptic transmission	class Assignment	prepa- mode
5	OCTOBER	10	Hypothalamus, pituitary gland, Hormones of hypothalamus, Adenohypophysis, Neurohypophysis, Pineal gland, thyroid gland, parathyroid and adrenal, pancreas gland, endocrine gland, <sup>Menstrual cycle</sup>	Seminar	
6	NOVEMBER	20	Homeostasis, mechanism of homeostasis, Mendel's laws, Identification of DNA as the genetic material	class Assignment	prepa- mode
7	DECEMBER	24	central dogma of molecular biology, DNA replication, Transcription, Translation, Genetic code, human karyotyping, bar bodies and Lyon hypothesis, chromosomal disorders, chromosomes	Home Assignment	Field visit
8	JANUARY	21	Genetic basis of evolution, Gene pool, Gene frequencies, Hardy weinberg's law, force of stabilisation, natural selection, Genetic drift, mutation, Isolation, migration	Quiz	
9	FEBRUARY	19	Speciation - Allopatry & Sympatry	pre Final Exam	prepa- mode
10	MARCH		Practicals and Theory exams		
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Manjul  
 PAPER: IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Capture fisheries, Types of fisheries fishery resources.	class Assignment	
2	JULY	26	Finfish & shell fisheries; fishing gears and crafts, freshwater, Brackish water & mariculture, site selection Aquaculture, Induced breeding.	quiz	observ fisher
3	AUGUST	23	Hatchery, design & management, larval rearing, shrimp & prawn, Hatchery systems, Seed transport Common diseases, Post harvesting technology	Home Assignment	Field visit
4	SEPTEMBER	11	preservation and processing - freezing, solar drying Canning, salt Smoking, Blood Composition and Blood groups, Blood disease, Biopsy and Autopsy.	Group discussion	prepa Alb
5	OCTOBER	10	Types of immunity, Antigens, Haptens and epitopes.	Seminar	
6	NOVEMBER	20	Structure and biological properties of Human immunoglobulin, Hyper sensitivity.	Class Assignment	
7	DECEMBER	24	Blood parasites, structure and clinical signifi -cance of plasmodium.	Seminar	prepar char
8	JANUARY	12	Intestinal parasites - structure and clinical Significance of Entamoeba Giardia, Taenia solium, Ancylostoma, E. coli.	Group discussion	
9	FEBRUARY	19	Animal biotechnology, Gene cloning, Transgenesis and production & transgenesis animals, application of stem cell technology in cell based therapy.	Home Assignment	prepa mode
10	MARCH		Practicals and Theory exams		
11	APRIL				
12	MAY				

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P. V. Chitra Sar

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Chemistry

LECTURER: E-sharada

GROUP: BSC(BZC, MPC)

PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	-Admissions		
2	JULY	26	Bond- polarisation (organic reagents, Inductive effect, mesomeric effect)	Assignment	Group discussion
3	AUGUST	23	Hydrocarbons (Alkanes, Alkenes, Alkadienes, cyclo-Alkanes, Benzene)	Slip test	Clean & Green
4	SEPTEMBER	14	gaseous state (Vander walls eqn), liquification of gases)	Student Seminar	Quiz
5	OCTOBER	10	Solid state (elements of symmetry, lattice, x-ray diffraction)	project	Group discussion
6	NOVEMBER	20	Liquid state (Intermolecular forces, classification of liquid crystals)	Assignment	Clean & Green
7	DECEMBER	24	Solutions (Ideal solutions, Azeotropic mixtures, partially miscible & completely miscible)	Slip test	AIDS Awareness
8	JANUARY	21	S-block elements (first & second groups)	Student Seminar	Quiz
9	FEBRUARY	19	P-block elements (IVA, VIA, VIIA)	pre final exam.	Sports & Competitions
10	MARCH		preparation		Annual day
11	APRIL		examination		
12	MAY		holidays.		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014 -2015**

SUBJECT: Chemistry  
 GROUP: Bsc(LMPC) (B7C)

LECTURER: E. Sharada  
 PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Halogen compounds, mechanisms of $SN^1$ , $SN^2$	project	clean & green
2	JULY	26	Hydroxy compounds, carbonyl compounds	Assignment	group discussion
3	AUGUST	23	Carboxylic acids, symmetry, Acidity of carboxylic acids.	slip test	Quiz
4	SEPTEMBER	14	Phase rule - terminology, dilute solution, electrochemistry	Student Seminar	clean & green
5	OCTOBER	10	Electropotential,	project	group discussion
6	NOVEMBER	20	potentiometric titrations, d-block elements.	Assignment	quiz
7	DECEMBER	24	f-block elements, Actinides properties, significant figure	slip test	AIDS Awareness
8	JANUARY	21	molecular orbitals, Synthetic methods	Student Seminar	Voter Awareness Program
9	FEBRUARY	19	stereospecific, stereoselective reaction	pre-final exam	Cultural Activities
10	MARCH		preparation		Annual day
11	APRIL		examination		
12	MAY		holidays		

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 IQAC Co-ordinator

*P. V. Uluru Saini*

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-2015**

SUBJECT: chemistry

LECTURER: E. Sharada

GROUP: BSc(BZC, MPC)

PAPER: III

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Nitrogen compounds, Phase transfer catalysis	student seminar	Quiz
2	JULY	26	chemical reaction of Amines, Heterocyclic compounds	project	clean & green
3	AUGUST	23	carbohydrates, mass spectroscopy, Amino acids	Assignment	Group discussion
4	SEPTEMBER	14	Fission of some molecular ion, chemical kinetics - Terminology	slip test	Quiz
5	OCTOBER	10	Arrhenius equation	student seminar	clean & green
6	NOVEMBER	20	Simple collision theory, photochemistry laws, thermodynamics.	project	Group discussion
7	DECEMBER	24	Carnot cycle, valance bond theory (VBT)	Assignment	AIDS Awareness
8	JANUARY	21	spectral & magnetic properties, stability of metal complexes	slip test	Voter Awareness program
9	FEBRUARY	19	Bioinorganic chemistry, chlorophyll.	pre-final exam	Cultural Activities
10	MARCH		preparation		Annual day
11	APRIL		examination		
12	MAY		holidays		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014 - 2015**

SUBJECT: Chemistry  
 GROUP: BSc (BZC, MPC)

LECTURER: E. Sharada  
 PAPER: IV

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Solvent extraction, chromatography	Sliptest	clean & green
2	JULY	26	Types of chromatographic methods,	Assignment	Group discussion
3	AUGUST	23	Spectroscopy, Beer-Lambert's law, Raman spectroscopy-Rayleigh scattering	project	Quiz
4	SEPTEMBER	14	Introduction of Drugs, Nomenclature	student seminar	clean & green
5	OCTOBER	10	HIV-AIDS Introduction	sliptest	Group discussion
6	NOVEMBER	20	classification of pesticides, catalysis michalis-menton equation	Assignment	quiz
7	DECEMBER	24	Heterogenous catalytic reactions, molecular weight of polymers,	project	AIDS Awareness
8	JANUARY	21	meissner effect, Nanomaterials Composites properties	Student Seminar	Voter Awareness program
9	FEBRUARY	19	Spectroscopy, determination of some compounds	pre-final exam	Cultural Activities
10	MARCH		preparation		Annual day
11	APRIL		examination		
12	MAY		holidays		

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*P. V. Umesha*

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**


SUBJECT: HISTORY

LECTURER: Dr. P. Jayaraj

GROUP: HEP

PAPER: I/II/III/IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	Lesson-I 24	Impact of Geographical forces Moghule Dynasty: 1526-1857 Holy Roman Empire.	Slip Test	
2	JULY	Lesson-II 22	Vedic civilization Shersha Reforms Spain Expensive in Europe	Assignment	
3	AUGUST	Lesson-III 23	Mouryan Dynasty Last moghule Rulers French Revolution	Quiz	
4	SEPTEMBER	Lesson-IV 24	Mouryan Administration Coming From European in India Nepolean Bonaparte	Class room Seminar	
5	OCTOBER	Lesson-V 13	Exams For discussion. 1st Independence war Mazim - Kavour - Bismark	Remedial Classes.	
6	NOVEMBER	Lesson-VI 24	Gupta Dynasty - Indian Renaissance Russian Revolution & World war / Ind Worldwar	Slip Test	
7	DECEMBER	Lesson-VII 23	Kushans - Kanishka. Brahmasamaj, Aryasamaj, Dayanand Saraswati League Nations -	Quiz	
8	JANUARY	Lesson-VIII 20	Regputra's - Branches. Rama Krishna mission History of Andhra, Satvahanas, Kakatiya, Vijaya Nageswari	Cancellation	
9	FEBRUARY	Lesson-IX 19	Harshavardhan - Harsha Administration. Theosophical Society - Dr. Anniebesant. Formation of Andhra, and Andhra Pradesh (1953-1956)	Exams Trips	
10	MARCH				
11	APRIL				
12	MAY				

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Botany  
 GROUP: B.Sc.

LECTURER: S. vijaya  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Admissions.		
2	JULY	26	Archaeobacteria, cyanobacteria, lichens	T/L	Group disc
3	AUGUST	23	Viruses, bacteria, mycoplasma, algae general characters thallus chlorophyceae	Unit test	Study sem
4	SEPTEMBER	14	chlorophyceae, phaeophyceae oedogonium, Rhodophyceae, polyssiphonia: Rhodophyceae.	T/L	Study sem
5	OCTOBER	10	Fungi, Mastigomycotina, zygomycotina, ascomycotina, basidiomycotina, deuteromycotina, fungal diseases	Unit Test	ASS me
6	NOVEMBER	20	mushroom cultivation & economic importance	Quiz	Cha Prep
7	DECEMBER	24	classification of bryophytes, marchantia, Anthoceros and polytrichum, evolution of sporophyte in bryophytes.	Assignment	Field visit
8	JANUARY	21	pteridophytes reproduction, Thymia, lycopodium, life cycle of equisetum, life cycle marattia	Drawing diagram	Prep Exam
9	FEBRUARY	19	pteridophytes classification of gymnosperms, root system and reproduction of pine	Revision	Revision
10	MARCH		reproduction of gnetum, cycadelegida, paleobotany fossilization. Exam 8. - Practical and theory	Revision	Revision
11	APRIL		Annual Exams.		
12	MAY				

  
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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Botany  
 GROUP: B.Sc

LECTURER: S. vijaya  
 PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Distillation of Syllabus, meristematic tissue, Pissues.		
2	JULY	26	Pissues, Lignosones, xylem and phloem, leaf, stem, Achysanthus stem.	T/L	Grp disc
3	AUGUST	23	Biomoria stem, Beta vulgaris, Embrology, negal foreigne ovule, Embrosea stem etc.	Unit test	Sto Ser
4	SEPTEMBER	14	endopeum, Aporine, Applied paly nology	T/L	Sto ser
5	OCTOBER	10	Plant taxonomy, Nomenclature & taxonia Resouce.	Unit Test	Ass em
6	NOVEMBER	20	Bentem & Hooker's, nenne, code, tyttication families & A xonic importance and families of economic importance.	Quiz	cho pre
7	DECEMBER	24	families of economic importance of Coniaceae, orchidaceae, Solene, retrino medicinal traditional medicinal system.	Assign ment	Pre Vis
8	JANUARY	21	national medicinal plant Board, plant in primary health care, mittein; seriton crime drugs	Drawing diagrams	pre ex
9	FEBRUARY	19	medicinal Botany, compent of practical exam.	Revision	Rev
10	MARCH		Theory Exams.	Revision	Rev
11	APRIL				
12	MAY				

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*P. V. Cheluvani*

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Botany

LECTURER: S. vijaya

GROUP: B.Sc

PAPER: III

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CUR ACT
1	JUNE	12	cell biology. e prokaryotes and cell wall. plasma membrane.		
2	JULY	26	nucleus, nucleic acid. DNA structure DNA-replication. ribonucleic acid	T/L	Gr dic
3	AUGUST	23	chromosomes. Saphall chromosome. cell division mendelism. back cross test cross	Unit test	Sta Ser
4	SEPTEMBER	14	gene interaction. dominant epistatic simple interaction. linkage. mutation	T/L	Sta Ser
5	OCTOBER	10	mutation. deletion. duplication. Genetic code. extra nuclear inheritance. plasmids. chloroplast DNA	Unit test	Ass m
6	NOVEMBER	20	ecosystem biochemical cycle. food chain food. plant environment ecology. hydrophytes	Quiz	ch prep
7	DECEMBER	24	population ecology. community ecology plant succession. - xerobere.	Assignment	fel Vis
8	JANUARY	21	biodiversity global biodiversity. genetic diversity threats agriculture biodiversity. ecosystem biodiversity	Assignment Drawing	pref exo
9	FEBRUARY	19	Biodiversity conservation biosphere reserves red data book IUCN. endemic plants	Revision	Rev
10	MARCH		Theory Exams.	Revision	Rev
11	APRIL				
12	MAY				

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: Botany  
 GROUP: B.Sc

LECTURER: S. vijaya  
 PAPER: IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	plant physiology diffusion osmosis ascent of sap. transpiration. water absorption		
2	JULY	26	Transpiration structure & stomata mineral nutrition macro organisms enzymes, photosynthesis	T/L	Group discussion
3	AUGUST	23	photosynthesis translocation. of metabolism respiration glycolysis	Unit test	Student Seminar
4	SEPTEMBER	14	phosphorylation. nitrogen metabolism. nitrogen. protein synthesis Genetic code	T/L	Student Seminar
5	OCTOBER	10	growth analysis, gibberellins, biosynthesis physiology flowers photoperiodism	Unit test	Assignment
6	NOVEMBER	20	Stress physiology tissue culture. single cell structure. protoplast culture. herbicide	Quiz	Charter preparation
7	DECEMBER	24	biotechnology. transgenic plant seed storage. DNA technology	Assignment	Field Visit
8	JANUARY	21	horticulture technique. cultivation floriculture.	Drawing diagram	Preferential examination
9	FEBRUARY	19	vegetative propagation of plants advantage method of veg.	Revision	Revision
10	MARCH		Annual Exams.	Revision	Revision
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014 - 15**

SUBJECT: Physics  
 GROUP: MPC

LECTURER: Amtol  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	14	Vectors	Theory	Assi -me
3	AUGUST	21	Mechanics of particles	Theory	Assi -nm
4	SEPTEMBER	12	Central forces	Theory	Sem -m
5	OCTOBER	10	Special theory of relativity	Theory	Assi -m
6	NOVEMBER	20	Fundamentals of waves	Theory	Sem -m
7	DECEMBER	24	Damped harmonic oscillator	Theory	Sem -r
8	JANUARY	19	Longitudinal vibrations	Theory	Assi -me
9	FEBRUARY	16	Transverse vibrations.	Theory	Assi -me
10	MARCH				
11	APRIL				
12	MAY				

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 coordinator

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014 - 15**

SUBJECT: Physics  
 GROUP: MPC

LECTURER: Amtol  
 PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	14	Diffraction	Theory	Assign - ment
3	AUGUST	21	Aberrations	Theory	Seminar
4	SEPTEMBER	12	Optical fiber	Theory	Assign - ment
5	OCTOBER	10	Statistical Mechanics	Theory	Seminar
6	NOVEMBER	20	Thermodynamics	Theory	Assign - ment
7	DECEMBER	24	Thermodynamic potentials	Theory	Seminar
8	JANUARY	19	polarization	Theory	Assign - ment
9	FEBRUARY	16	Interference.	Theory	Assign - ment
10	MARCH				
11	APRIL				
12	MAY				

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014 - 15**

SUBJECT: Physics  
 GROUP: III yr

LECTURER: Amtul  
 PAPER: III - IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	14	Rectifiers	Theory	Assign
3	AUGUST	21	Transistors	Theory	Assign
4	SEPTEMBER	12	classification of solids	Theory	Semin
5	OCTOBER	10	Magnetostatics	Theory	Semin
6	NOVEMBER	20	Quantum Mechanics	Theory	Assign
7	DECEMBER	24	Nuclear physics	Theory	Semin A
8	JANUARY	19	LCR Circuit	Theory	Assign
9	FEBRUARY	16	Revision	Theory	Semin
10	MARCH				
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-15**

SUBJECT: *Commerce*  
 GROUP: *B. Com (Gen)*

LECTURER: *GOPI*  
 PAPER: *All Papers*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	09	Financial ac - Introduction Costing Introduction Companies Introduction	Assignment	
3	AUGUST	17	Computer features, types single entry, double entry system Holding Company Problems.	Quiz	
4	SEPTEMBER	15	Ledger problems Avg problems stock level problems.	Seminar	
5	OCTOBER	10	External Companies Hire purchase Problems Contract A/c Problems	Quiz	
6	NOVEMBER	21	Final A/c Problems mode problems BONUS share problems.	Seminar	
7	DECEMBER	18	Regression analysis Problems company a/c Problems Insurance Accounts form - A	Slip test	
8	JANUARY	08	Joint Venture Problems Amalgamation Problems Fund flow statement Problems.	Seminar	
9	FEBRUARY	17	Revision		
10	MARCH		Final Exams		
11	APRIL		Summer vacation		
12	MAY		" "		

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 TEAC co-ordinator

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-2016**

SUBJECT: *Commerce*

LECTURER: *Gopi*

GROUP: *B.Com (Gen)*

PAPER: *All Paper*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Goodwill Valuation mgt accounting adv, features & scope single entry system	Assignment	
2	JULY	23	Share Valuation Contract accounting Journal entries	Slip test	
3	AUGUST	21	Profit Prior to incorporation Median Problems Three column cashbook	Quiz	
4	SEPTEMBER	18	Process Costing Problems Income statement Departmental accounting	Remedial Classes	
5	OCTOBER	06	Stock level Problems Non-trading Problems Input & output device	Slip test	Seminars
6	NOVEMBER	19	Holding company Problems Ratio analysis Non-trading Problems	Slip test	
7	DECEMBER	16	Electricity Companies Ratio analysis Skewness Problems	Seminars	
8	JANUARY	19	LIC accounts Problems Funds flow statement Partnership Problems	Slip test	
9	FEBRUARY	13	Revision		
10	MARCH		Final Exams		
11	APRIL				
12	MAY				

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 P. V. Uma Sain

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-2017**

SUBJECT:

B.Com - II, III year  
 1st sem & 2nd sem

LECTURER: P. Rajibha

GROUP:

PAPER: All Papers

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Accounting standards Cost sheet Single Entry system	Slip best	
2	JULY	23	Share valuation Lifo, fifo Problems F.A - Journal	Assignment	
3	AUGUST	18	Job Costing Auditor's duties departmental a/c	Slip best	
4	SEPTEMBER	19	Contract A/c Nontrading concerns B.R.S - Problems	Assignment best	Quiz
5	OCTOBER	15	Computer - Basis Partnership companies - characteristics, adv & limitations		Seminar
6	NOVEMBER	24	Macro environment Business statistics - adv, limitations Rural consumer behaviour Partnership	Slip best	
7	DECEMBER	24	Marketing research median & mode consumer responsibility lifestyle of rural consumers	Quiz	
8	JANUARY	25	Life insurance problems Ratio analysis Index numbers Journal problems		
9	FEBRUARY	22	Consignment a/c Bill of Exchange Balance of Payment		
10	MARCH		Religion		
11	APRIL				
12	MAY				

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# GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL

## ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-2018

SUBJECT: F.A-I, Cost mgmt, P.O.M, B.S-I, B.S-II, Mkt mgmt, E.D.B.F. LECTURER: P. Rajitha

GROUP: B.Com (Gen), B.Com (Computer)

PAPER: ~~872~~

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	20	Accounting Introduction, concepts Cost & mgmt. Introduction, concepts Introduction & scope of marketing Introduction & scope of statistics	Assignment	
2	JULY	23	Accounting Concepts, Journal, Ledger, Trial balance Cost sheet problems Mkt concepts, modern mktg Diagrams & types	Slip test	
3	AUGUST	29	Cashbook - 3 column & petty cashbook Material cost methods, wages Consumer behaviour Measures of Central tendency, mean, G.M, & H.M	Assignment	
4	SEPTEMBER	11	Banking & Reconciliation Statement Process costing Mkt segmentation Mean deviation & std deviation		Seminar
5	OCTOBER	20	Depreciation, Trading account Break even analysis Product related concepts Karl Pearson & Bowley skewness	Slip test	
6	NOVEMBER	23	Final accounts Budgetary analysis Price related concepts Importance of management		Quiz
7	DECEMBER	23	Std costing, funds flow statement distribution related concepts Rank co-relation problems Administration & mgmt	Assignment	
8	JANUARY	22	Ratio analysis Communication Analysis Regression Analysis Scope of mgmt.	Slip test	
9	FEBRUARY	22	Cash flow analysis & Regression Methods of promotion Index number Mgt principles	Assignment	
10	MARCH	23	Time series Organisation scope & principle		
11	APRIL	15	Probability Centralisation & Decentralisation		Group discuss
12	MAY		Exams		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-2019**

SUBJECT: F.A-I, B.S-I, E.D.B.T, Cost Accounting, I.I.E  
 GROUP: F.I.M, F.S.A, B.S-II, P.O.M; P.G.I  
 B.Com (Gen, Com & C.A)

LECTURER: P. Rajitha

PAPER:

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	16	Introduction to accounting, concepts Cost mgmt Introduction Introduction to Business statistics & scope Entrepreneurial concept, functions & importance Indian Economy concept	Assignment	
2	JULY	25	Journal entries, ledger books Diagrams & type Entrepreneurial opportunities & idea generation Stock levels, stock issuing methods, Human Development	Slip sheet	
3	AUGUST	22	Subsidiary books Average/mean, mode, median Project Classification & Formulation Wages & overheads, Natural Resources		Quiz
4	SEPTEMBER	21	Bank Reconciliation statement mean deviation & std deviation E.D.P - policies of Government Cost sheet & Job Cost & Unit Costing; Introduction		Gr. disc
5	OCTOBER	14	Depreciation, Trading ac & P/L ac measures of Kurtosis & skewness Ethics - moral values & Business ethics Contract Costing; Poverly	Assignment	
6	NOVEMBER	06	BI sheet, final accounts, adjustments Business Ethics Co-relation Process Costing; Industrial Policy		Seminar
7	DECEMBER		<sup>SP</sup> Semester exams		
8	JANUARY	18	Financial System Components, strengths & weakness Financial statement concept & features Regression analysis Introduction to management		Group disc
9	FEBRUARY	24	Merchant banking & Hire purchase & leasing Common size, Comparative statements Index numbers Administration of management		Seminar
10	MARCH	26	R.B.I functions, Debt market Profitability & Ratio analysis Line policy, settlement management principle	Assignment	
11	APRIL	22	Bonds features & Equity mkt development Funds flow & cash flow statement Probability, permutation Organizational scope & Principles	Slip sheet	
12	MAY	07	Stock mkt indices Cash flow statement Binomial distribution; Centralization & Decentralization		Quiz

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 Co-ordinator

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2014 to 2017

**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014-17**

SUBJECT: POLITICAL SCIENCE

LECTURER: N. HARI BAI

GROUP: BA

PAPER: I  
 Political Concepts Theories Institutions

ANNUAL SCHEME

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	24	Political Science - Introduction Definitions, Scope Nature Evolution	Slip Test	
2	JULY	25	Approaches to the Study of Political Science - Traditional & Modern Behavioural		Quiz
3	AUGUST	22	State - Definitions, Nation, Nationality Elements State Society Associations Government	Seminar	
4	SEPTEMBER	21	Sovereignty - Elements, Monism Pluralism, Theories of origin of state		Group Discussion
5	OCTOBER	15	Political Concepts - Law - Sources of Law Liberty, Equality	Assignment	
6	NOVEMBER	25	Rights - Theories of Rights Power, Authority, Forms of Government		Charter mark
7	DECEMBER	24	Theory of Separation of Powers Unitary, Federal, Government	Assignment	
8	JANUARY	20	Parliamentary And Presidential Government Democracy - Direct Democratic Devices		Global Competence
9	FEBRUARY	24	Organs of Government Constitutions - Types	Seminar	
10	MARCH	24	Organs of Government - Legislature unicameral and Bicameral, Executive		Quiz
11	APRIL	24	Judiciary - Independent Judiciary Judicial Review	Seminar	
12	MAY		EXAMINATIONS/VACATION		

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2014 to 2017

**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2014 to 2017**

SUBJECT: POLITICAL SCIENCE

LECTURER: N. HARTHA B.


GROUP: BA


PAPER: II


## ANNUAL SCHEME

INDIAN GOVERNMENT AND

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	24	Salient features of Indian Constitution Evolution of Indian Constitution		Group Discussion
2	JULY	25	Indian Federation - Centre State Relations Fundamental Rights & Duties	Assignments	
3	AUGUST	22	President - Powers & Functions Prime Minister & Council of Ministers		
4	SEPTEMBER	21	Parliament - Composition Judiciary - Supreme Court, Judicial Review Judicial Activism		Group Discussion
5	OCTOBER	15	Party system - National & Regional Parties	Slip Test	
6	NOVEMBER	25	Election Commission Electoral Reforms and Voting Behavior		
7	DECEMBER	24	State Government - Governors Chief Minister and Council of Ministers	Seminar	
8	JANUARY	20	Social and Economic Factors Coalition Politics - Religion, Caste,		Quiz
9	FEBRUARY	24	Social Movements - Agrarian, Working class, Women, Tribal	Seminar	
10	MARCH	24	Challenges to National Integration		Quiz
11	APRIL	24	Social Movements - Environmental Local Government Institutions - Recent Trends	Seminar	
12	MAY		EXAMINATION / VACATION		

  
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2014 to 2017

**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: POLITICAL SCIENCE

LECTURER: N HARIBABU

GROUP: BA

III - POLITICAL THOUGHT

IV - INTERNATIONAL RELATIONS PAPER: III, IV

(ANNUAL SCHEME)

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	24	II - Ancient Indian Political Thought		
2	JULY	25	IV International Relations - Definition, Scope and Importance III - Kautilya - Statecraft, Manu IV - Emergence of Sovereign State System	Seminar	
3	AUGUST	22	IV Gautama Budha, M.K. Gandhi V Causes and Effects of World War I & II		Group Discusm
4	SEPTEMBER	21	III J.Nehru, B.R. Ambedkar IV Causes Super Powers, Regional Powers		Chart making
5	OCTOBER	15	III Plato Ideal State, Aristotle IV National Power	Seminar	
6	NOVEMBER	25	III Machiavelli, St. Thomas Aquinas IV Unipolar, Bipolar, Multipolarity		Quiz
7	DECEMBER	24	III Social Contract Thinkers - Hobbes, Locke, Rousseau IV Economic and Social Issues, Colonialism		Group Discussion
8	JANUARY	20	III JS Mill - Liberty, Karl Marx UNO and Regional organisations IV IBRD, WTO Globalization	Assignment	
9	FEBRUARY	24	III Hegel - Philosophy, Dialectical Materialism, Karl Marx IV Disarmed, Arms Race, Nuclear Issues		
10	MARCH	24	III Hegel - State IV Principles of Marxism, India Foreign Policy Human Rights, Terrorism.	Ship Test	Elocution Competition Women's Day
11	APRIL	24	IV Environment - Issues, M.N Roy III - Comparison of Social Contract Thinkers		
12	MAY		EXAMINATION / VACATION		

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# GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL

## ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-18

SUBJECT: Zoology  
 GROUP: B-Sc

LECTURER: M. Prantha  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12			
2	JULY	26	Protozoa: General characters & classification. Type Study: Paramecium @ porifera: General characters & classification. Type Study of sycon; canal system in sponges.	Class Assignment	
3	AUGUST	23	1) Coelenterate: General characters & classification; Obelia polymorphism is Coelenterate, corals & coral reef formation. 2) Platyhelminthes: General characters & classification: Fasciola. 3) Nematodes: General characters & classification: Ascaris.	Seminar	prepare chart
4	SEPTEMBER	14	Annelida: General characters & classification; Leeches coelom & coelomoducts in Annelids. 2) Arthropoda: General characters & classification: prawn, Crustacean larva, Peripatus. 3) Molluscs: - General characters & classification: - pila, pearl formation in molluscs.	Quiz	Ozone day
5	OCTOBER	10	1) Echinodermata: General characters & classification; star fish. 2) General characters of Hemichordata: structure and affinities of Balanoglossus.	Home Assignment	
6	NOVEMBER	20	Cell theory → ultrastructure of animal cell: structure of plasma membrane, fluid-mosaic model & transport function - passive & active transport & bulk transport.	Home Assignment	Group discussion
7	DECEMBER	24	Structure & function of Endoplasmic reticulum Golgi body Ribosomes, lysosomes, mitochondria, chromosomes - nomenclature type, structure Giant chromosomes - polytene, lampbrush chromosomes, cell division - cell cycle stage, check points & regulation - meiosis & significance - mitosis.	Seminar	prepare chart
8	JANUARY	21	Carbohydrates, structure of Monosaccharides, disaccharides, polysaccharides, Amino acids: properties, nomenclature, proteins function, chemical nature & nutrition, peptide bond, structure.	Group discussion	
9	FEBRUARY	19	Classification, structure of Fatty acids, Triacylglycerols, phospholipids, steroids. 2) Structure of purines pyrimidines ribose & deoxyribose sugars. Watson & Crick model of DNA structure RNA & Types of RNA.	Class Assignment	Field visit
10	MARCH		Practical and Theory Exams		
11	APRIL				
12	MAY				

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D. D.  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16**


SUBJECT: Zoology  
 GROUP: B-SC.

15-16

LECTURER: M. Pranitha

PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Uschordata, Cephalochordata, Chordates, General characters of Cyclostomata & fishes.		
2	JULY	26	Type study of Scoliodon, Migration in fishes & types of scales, General characters of Amphibia, Type study of Rana, parental care in Amphibians.	class assignme-nt	
3	AUGUST	23	General characters & Classification of Reptilia, Type study of Calotes, classification of Aves, Type study of pigeon, Migration of birds, flight adaptations.	Seminar	prepare chart
4	SEPTEMBER	14	General characters & classification of Mammalia, Definition in Mammals.	QUIZ	Ozone Day Debate
5	OCTOBER	10	Spermatogenesis, oogenesis & fertilization, Types of eggs.	Home assignme-nt	
6	NOVEMBER	20	Types of cleavages, Development of frog, foetal membrane, placenta, Regeneration.	Home assignme-nt	
7	DECEMBER	24	Biogeochemical cycles, Definition of Community, Community interactions, Ecological Succession.	Home assignme-nt	group discussi-on
8	JANUARY	21	Population ecology, Growth curves of animal Population	Seminar	prepare chart
9	FEBRUARY	19	Population regulation mechanisms, Growth of human population, Zoogeographical realms.	group discussion	
10	MARCH		Practical and Theory Exams.	class assignme-nt	field visit
11	APRIL		"		
12	MAY		"		

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16**

SUBJECT: Zoology

LECTURER: M. Manjula

GROUP: Bsc

PAPER: III

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Digestion, Types of Digestion, Digestion of Carbohydrates, proteins, lipids, Absorption and assimilation, Gastrointestinal hormones		
2	JULY	26	Types of respiration, Structure of mammalian lungs, Transport of O <sub>2</sub> & CO <sub>2</sub> , Cellular respiration, open and closed circulation, structure of heart, Regulation of heart	class assignment	
3	AUGUST	23	Excretion, forms of nitrogenous waste materials, Gross organisation of excretory system & structure of kidney, structure of nephron, structure & types of muscles, skeletal muscle, muscle contraction	Seminars	prepare chart
4	SEPTEMBER	14	Structure of nerve cell, nature of nerve impulse, Conduction of nerve impulse along an axon, structure of synapse, mechanism of synaptic transmission	Quiz	Ozone day debate
5	OCTOBER	10	Hypothalamus, pituitary gland, hormones of hypothalamus, Adenohypophysis, neurohypophysis, pineal gland, thyroid gland, parathyroid & adrenal, Pancreas, Endocrine gland	Home Assignment	
6	NOVEMBER	20	Homeostasis, Mechanism of homeostasis, Mendel's laws, Identification of DNA as the genetic material	Home Assignment	Group discussion
7	DECEMBER	24	Central dogma of molecular biology, DNA replication, Replication fork, Transcription, Translation, Genetic Code, Human karyotyping, bars bodies & Lyon hypothesis, chromosomal disorders, chromosomes	Seminars	prepare chart
8	JANUARY	21	Genetic basis of evolution, Gene pool, Gene frequencies, Hardy weinberg's law, force of destabilisation, natural selection, Genetic drift, mutation, Isolation, speciation	Group discussion	
9	FEBRUARY	19	Speciation - Allopatry, Sympatry	class Assignment	Field Visit
10	MARCH		Practical and Theory Exams		
11	APRIL		"		
12	MAY		"		

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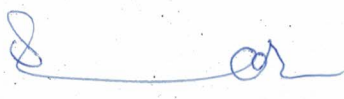
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16**

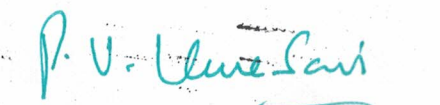
SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Manjula  
 PAPER: IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Capture fisheries, Types of fisheries fishery resources		
2	JULY	26	Finfish and shell fisheries, fishing gears and crafts freshwater, Brackish water and mariculture, Site selection Aquaculture, Induced breeding	class Assignment	
3	AUGUST	23	Hatchery design and management, Larval rearing Shrimp and prawn, Hatchery systems, Seed transport common diseases, post harvesting technology	Seminar	Prepara- chart
4	SEPTEMBER	14	Preservation and processing - Freezing, Solar drying Canning, Salt Smoking, Blood composition and Blood groups, Blood disease, Biopsy and autopsy	Quiz	Ozone day Debate
5	OCTOBER	10	Types of immunity, Antigens, Haptens and epitopes	Home Assignment	
6	NOVEMBER	20	Structure and biological properties of human immunoglobulin, Hypersensitivity	Home Assignment	Group discussion
7	DECEMBER	24	Blood parasites, Structure and clinical significance of plasmodium	Seminar	Prepara- chart
8	JANUARY	21	Intestinal parasites - structure and clinical significance of Entamoeba, Giardia, Taenia solim, Ankylostoma, Enterobius	Group discussions	
9	FEBRUARY	19	Animal Biotechnology, Gene cloning, Transgenic animals and Transgenesis, Application of Stem cell technology in cell based therapy	class Assignment +	Field Visit
10	MARCH		Practical and Theory Exams		
11	APRIL				
12	MAY				

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-2016**

SUBJECT: Chemistry

LECTURER: E-Sharada

GROUP: BSc (BZC, MPC)

PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	19	Admissions		
2	JULY	24	Bond-polarisation (organic reagents, inductive effect, mesomeric effect)	Assignment	Group discuss
3	AUGUST	21	Hydro carbons (Alkanes, Alkenes, Alkadienes, cyclo Alkanes, Benzene)	slip test	clean & green
4	SEPTEMBER	23	gaseous state (Vander wall equation, liquifaction of gases)	Student Seminar	Quiz
5	OCTOBER	12	Solid state (Elements of symmetry, lattice, X-ray diffraction)	project	group discuss
6	NOVEMBER	22	liquid state (Inter molecular forces, classification of liquid crystals)	Assignment	clean & green
7	DECEMBER	17	Solutions (Ideal solutions, Azeotropic mixtures, partially miscible & completely miscible)	Slip test	AIDS Quiz Awareness
8	JANUARY	20	S-block elements (first & second groups)	Student Seminar	Quiz
9	FEBRUARY	15	P-block elements (VA, VIA, VIIA)	Pre-final exam	Sports compet
10	MARCH		preparation		Annual day
11	APRIL		holidays examination		
12	MAY		holidays		

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In-charge Co-ordinator

P. V. Ulu Sani

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-2016**

SUBJECT: Chemistry  
 GROUP: BSc(imp), BZC

LECTURER: E. Sharada

PAPER: II

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	19	Halogen compounds, mechanisms of $SN^1, SN^2$	project	clean & green
2	JULY	24	hydroxy compounds, carbonyl compounds	Assignment	good discussion
3	AUGUST	21	carboxylic acids, symmetry, Acidity of carboxylic acids.	slip test	quiz
4	SEPTEMBER	23	Phase rule - terminology, Dilute solution, electrochemistry	student seminar	clean & green
5	OCTOBER	12	Electro potential.	project	good discussion
6	NOVEMBER	22	potentiometric titration, d-block elements	Assignment	quiz
7	DECEMBER	17	f-block elements, Actinides properties, significant figure	slip test	AIDS Awareness
8	JANUARY	20	molecular orbitals, Synthetic methods	student seminar	voter awareness program
9	FEBRUARY	15	stereospecific, stereoselective reaction.	pre final exam	cultural awareness activities
10	MARCH		preparation		Annual day
11	APRIL		Examination		
12	MAY		holidays		

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 P. V. Uma Saini

**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16**

SUBJECT: chemistry  
 GROUP: BSc (BZC, MPC)

LECTURER: E. Shanada  
 PAPER: III

S.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	19	Nitrogen compounds, phase transfer catalysis	student seminars	Quiz
2	JULY	24	Chemical reaction of amines, heterocyclic compounds	project	Clean & green
3	AUGUST	21	carbohydrates, mass spectroscopy, Amino acids	Assignment - nt	Group discuss
4	SEPTEMBER	23	Fission of some molecular ion, chemical kinetics - terminology	sliptest	Quiz
5	OCTOBER	12	Arrhenius equation	Student seminar	clean & green
6	NOVEMBER	22	Simple collision theory, photochemistry laws, thermodynamics	project	Group discuss
7	DECEMBER	17	carhot cycle, valance bond theory (VBT)	Assignment	AIDS Awareness
8	JANUARY	20	Spectral & magnetic property, stability of metal complex.	sliptest	Voter Awareness program
9	FEBRUARY	15	Bioinorganic chemistry, chlorophyl.	pre-binding exam	cultural Activities
10	MARCH		preparation		Annual day
11	APRIL		Examination		
12	MAY		holidays		

*S. S. S.*  
 Academic Co-ordinator

*Qu*  
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*P. V. Uma Sain*  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015 - 2016**

SUBJECT: Chemistry  
 GROUP: BSc (BZC, MPC)

LECTURER: E. Sharada

PAPER: IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	19	Solvent extraction, chromatography.	slip test	clean & green
2	JULY	24	Types of chromatography methods	Assignment	Group discussion
3	AUGUST	21	Spectroscopy, Beer-Lambert's law, Raman spectroscopy - Rayleigh scattering	project	quiz
4	SEPTEMBER	23	Introduction of Drugs, Nomenclature	Student seminar	clean & green
5	OCTOBER	12	HIV-AIDS Introduction	slip test	Group discussion
6	NOVEMBER	22	classification of pesticides, catalysis mechanism-menton equation	Assignment	quiz
7	DECEMBER	17	Heterogeneous catalytic reactions, molecular weight of polymers.	project	AIDS Awareness
8	JANUARY	20	meissner effect, Nanomaterials composites properties	Student seminar	Voter Awareness program
9	FEBRUARY	15	Spectroscopy, determination of some components	pre-final exam	Cultural Activities
10	MARCH		preparation		Annual day
11	APRIL		examination		
12	MAY		holidays		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16**

SUBJECT: HISTORY


LECTURER: Dr. P. Jayaram


GROUP: HEP

PAPER: I/II/III/IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE 23	Lesson-I 23	Unity and Diversity, Indus civilization Moghule Empire: Sources/ political History/ Administration Holy Roman Empire - Christendom - pope/ Christianity.	Slip Test	
2	JULY	Lesson-II 22	Vedic Civilization - Aryan Administration Golden age of Shaktas, Awagazab. Enlightened Despotism.	Quiz	
3	AUGUST	Lesson-III 24	16 Janapadas - Magadhe Empire Moghule last Rulers - I/II/III part war. Renaissance, Reformation, National States C.R.M.	Classroom Seminar	
4	SEPTEMBER	Lesson-IV 25	Mouryan Empire - Ashoka, Administration Coming from Europeans in India. American Independence War: 1776.	Remedial Classes	
5	OCTOBER	Lesson-V 15	Andhra Satavahanas - Goutamiputra Satakarni 1st Independence War French Revolution - Causes - Results.	Slip Test	
6	NOVEMBER	Lesson-VI 24	Golden age of Gupta: Chandragupta Mourya Indian Renaissance. Russian Renaissance.	Slip Test	
7	DECEMBER	Lesson-VII 24	Khushans - Kanishka. Social Reform movement - Brahma, Arya, Samaj	Counselling	
8	JANUARY	Lesson-VIII 20	Coming of Arabs in India - V Dynasties. Ramakrishna mission. History of Andhra - Satavahana, Kakatiya, Vijaya Narasimha	Slip Test	
9	FEBRUARY	Lesson-IX	Last Hindu rulers - Dhillimitas National Movement - 1905-1919-1930, 1942 Andhra Pradesh, Andhra Pradesh History.	Exam Pattern	
10	MARCH				
11	APRIL				
12	MAY				

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2019 - 16**

SUBJECT: *Physics*  
 GROUP: *MPC*

LECTURER: *Amtul*  
 PAPER: *↑*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	19	Vectors	Theory	Ass
2	JULY	23	Vectors	Theory	Ass
3	AUGUST	21	Mechanics of particles	Theory	Sem
4	SEPTEMBER	16	Central forces	Theory	Ass
5	OCTOBER	04	Special theory of relativity	Theory	Sem
6	NOVEMBER	03	Fundamentals of waves	Theory	Sem
7	DECEMBER	16	Damped harmonic oscillator	Theory	Sem
8	JANUARY	20	Longitudinal vibrations	Theory	Ass
9	FEBRUARY	20	Transverse vibrations	Theory	Ass
10	MARCH	03	Revision	Theory	Ass
11	APRIL				
12	MAY				

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*IQAC coordinator*

*P. V. Ume*  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 15 - 16**

SUBJECT: physics  
 GROUP: MPC

LECTURER: Amtol  
 PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	19.	Maxwell method		
2	JULY	23	Diffraction	Theory	Assignment
3	AUGUST	21	Aberrations	Theory	Assignment
4	SEPTEMBER	16	Optical fibres	Theory	Seminar
5	OCTOBER	04	Statistical Mechanics	Theory	Seminar
6	NOVEMBER	03	Thermodynamics	Theory	Assignment
7	DECEMBER	16	Thermodynamic potentials	Theory	Seminar
8	JANUARY	20	polarization	Theory	Assignment
9	FEBRUARY	20	Interference.	Theory	Assignment
10	MARCH	03	Revision	Theory	Seminar
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015 - 16**

SUBJECT: Physics  
 GROUP: III yr

LECTURER: Amol  
 PAPER: III

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	19	Diodes	Theory	Seminar
2	JULY	23	Rectifiers	Theory	Assign ment
3	AUGUST	21	Transistors	Theory	Assign ment
4	SEPTEMBER	16	classification of solids	Theory	Semin ar
5	OCTOBER	04	Magnatostatics	Theory	Semin ar
6	NOVEMBER	03	Quantum Mechanics	Theory	Assign ment
7	DECEMBER	16	Nuclear physics	Theory	Semin ar
8	JANUARY	20	LCR Circuit	Theory	Assign ment
9	FEBRUARY	20	Revision	Theory	Semin ar
10	MARCH	03	Revision	Theory	Semin ar
11	APRIL				
12	MAY				

S. S. Joshi  
 Academic  
 coordinator

Q. S. Joshi  
 IQAC  
 coordinator

P. V. Chitambar  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16

SUBJECT: Botany  
 GROUP: B.Sc.

LECTURER: S. vijaya  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURR ACT
1	JUNE	12	Admissions.		
2	JULY	26	Archaeobacteria, viruses	T/L	Gr dec
3	AUGUST	23	Bacteria, cyanobacteria, Algal Xanthophyceae. General characters	unit test	stu sen
4	SEPTEMBER	14	Rhodophyceae, Bacillariophyceae Fungi, Archemyotina	T/L	Stu Sem
5	OCTOBER	10	Basidiomycotina, plant diseases	unit test	Assi
6	NOVEMBER	20	Lichens, Bryophyta Anthocerosopsida pteridophytes.	T/L quiz	Choy Pre Assig
7	DECEMBER	24	psitophyta, Sphenophyta, Marsilea	Assign ment	fre v O Te
8	JANUARY	21	Gymnosperms, Gnetales, paleobotany Endangered Gymnosperms	Drawing diagrams	Pre Ex
9	FEBRUARY	19	Theory Revision, practical exams	Revision	Rev
10	MARCH		Annual exams		
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16**

SUBJECT: Botany

LECTURER: S. vijaya

GROUP: B.Sc

PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	Meristematic tissue	Dictation of synopsis	oral test
2	JULY	26	Tissue systems, Leaf anatomy of the leaf stem, Arachyranthus	T/L	Assignment
3	AUGUST	23	wood structure, Embrology, megasporangium ovule, pollination type	Slip test	Group discuss
4	SEPTEMBER	14	Endosperm, polyerology, Basic polynology plant Taxonomy.	Unit Test	Health Awareness
5	OCTOBER	10	Bentham & Hookers classification Engler & prantle classification	T/L	Student Seminars
6	NOVEMBER	20	Current concepts in Taxonomy, nomenclature families, papilionoideae	Unit Test	Student Seminars
7	DECEMBER	24	Families, ethromedicine, onaw medicines national medicinal plants Board	Term exams	feed back
8	JANUARY	21	plants in primary health care Traditional medicine, pharmacogrosy, India pharmacopoeia	Student Seminars	Quiz
9	FEBRUARY	19	Medicine - Physical evaluation, Revision	Revision	Revision
10	MARCH		final theory exams		
11	APRIL		09.04.16		
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 15-16**

SUBJECT: Botany  
GROUP: B-SC

LECTURER: s.vijaya  
PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	cell biology	Syllabus discussion	oral test
2	JULY	26	nucleus, nucleic acids, chromosomes	T/L	Assignmen
3	AUGUST	23	cell division, Genetics, mendal'som-linkage, mutations	Slip Test	Group Discu
4	SEPTEMBER	14	mutations, Genetic code, extra nuclear	Unit Test	Health Aware
5	OCTOBER	16	ecology.	T/L	Student Semer
6	NOVEMBER	20	ecosystem, plant environment Hydrophytes, xerophytes, mesophytes, population Ecology	Unit Test	Student Semina
7	DECEMBER	24	community ecology, plant succession Bio-Diversity	Term Exams	feed back
8	JANUARY	21	Mega diversity, Genetic diversity species diversity, Bio diversity conservation	Student Seminar	Quiz
9	FEBRUARY	19	Revisions, practical exams	Revision	Revisi
10	MARCH		Theory examination		
11	APRIL				
12	MAY				

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# GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL

ANNUAL CURRICULAR PLAN FOR THE YEAR 2015-16

SUBJECT: Botany  
GROUP: B.Sc.

LECTURER: S. Vijaya  
PAPER: IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	12	unit-I - physiology (PART)-A, water relations, water relations, Imbibition, components of water	Dictation of Syllabus.	Oral test
2	JULY	26	water relations; mechanism of Absent of sap mineral nutrition, enzymes, photosynthesis, photosynthesis, Darkphase	T/L	Assignment
3	AUGUST	23	Translocation of organic substrate; Respiration respiration. electron transport, Nitrogen metabolism	SLIP Test	Group Discussion
4	SEPTEMBER	14	L.M - Protein synthesis, Lipid metabolism Growth & development G.A.D. photohormones	Unit Test	Health Awareness
5	OCTOBER	10	Physiology of flowering and seed from 10.10.2015 to 25.10.2015 stress physiology	T/L	Student Seminars
6	NOVEMBER	20	unit-III, Tissue culture & Biotechnology, single cell culture, somatic Hybrids & cytonids Biotechnology Agricultural Biot	Unit Test	Student Seminars
7	DECEMBER	24	Recombination DNA, Transgenic plants. unit-IV seed Biotechnology & horticulture seed storage, seed testing	Term Exams	feed back
8	JANUARY	21	Horticulture Technique; therapy H.T-Bensal, floriculture, greenhouse, Importance of Green house.	Student Seminars	Quiz
9	FEBRUARY	19	vegetative propagation of plants, propagation role of plant growth regulations in Horticulture	Revision	Revision
10	MARCH		final theory exams		
11	APRIL		9th April 2016 Last working day		
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016 - 17**

SUBJECT: **ENGLISH**

LECTURER: **Dr. Shaila**

GROUP: **B.A/B.Com/B.Sc**

PAPER: **I, II**

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		<b>ORIENTATION PROGRAMME</b>		
			<b>SEMESTER ONE</b>		
2	JULY	18	<b>Lesson-1 :-</b> The curb in the sky, consonant sounds, Noun, word roots, prefixes and suffixes commonly misspelt words, capitalisations, introducing yourself in a formal situation, hindu yellamma, expansion of a sentence into a paragraph.	Motivation and goal setting.	se m Quiz
3	AUGUST	20	<b>Lesson-2 :-</b> happy people, vowels, monophthongs pronoun, word roots, prefixes and suffixes forming nouns using an-and-dis, capitalisation, starting and sustaining a conversation, The million march, sequencing.	self confidence	Group Discu
4	SEPTEMBER	18	<b>Lesson-3 :-</b> A psalm of life, vowels diphthongs, Auxiliary word verbs, homonyms, homographs, homophones, words ending in -tion and -sion, full stop and comma.	Non-verbal communication and body language	Stu Proj
5	OCTOBER	14	<b>Lesson-4 :-</b> "The Dear Departed", letters with varied pronunciation, main verbs and tenses, collocations, words ending in -tion and -ment. Question mark	Inter personal skills	Field Trips
6	NOVEMBER	10	<b>Lesson-5 :-</b> "A visit of charity", plosive, Non-finite verbs, Simile and metaphor, Use of ie and ei- Semicolon, Asking for information, Hyderabad.	Dialogue Writing	Inter Skills
7	DECEMBER	14	<b>Lesson-6 :-</b> Fricative, Adjective - Oxymoron and hyperbole, Words ending in -able or -ible - colon and em-dash, Requests Barakatha, Informal letters, Leadership.	Time management	Semi Quiz
8	JANUARY	16	<b>Lesson-7 :-</b> Affricate and nasal, Articles, Portmanteau words and loanwords, Words ending in -al, -ance, -ence, -ic, -ity and -ive - hyphen, Conducting a meeting.	Leader ship	Exten lectur
9	FEBRUARY	20	<b>Lesson-8 :-</b> Shakespeare Retold: Julius Caesar (extract) Approximant-, Adverb - palindromas. Derived forms of words - inverted comma - Interview skills, The handicrafts of Telangana - formal letters, Etiquette and grooming, Necessity is the mother of invention.	Stress management.	Group Discu
10	MARCH	20		Etiquette and grooming	Think pair share
11	APRIL	12		Reading skills	Vala Orient
12	MAY				

*Dr. Academic Coordinator*

*IGAC Coordinator*

**P. V. Uma Sankar**  
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# GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL

ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17

SUBJECT: Chemistry  
 GROUP: BSc (MPC) (BZO)

LECTURER: K. Geetha  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Admissions	Assignment	Clean & Green
2	JULY	23	s-block elements P-block elements - Group-13, 14, 15 General principles of Inorganic qualitative analysis	Student Seminar	Quiz
3	AUGUST	22	Structural theory in Organic Chemistry Acyclic hydrocarbons - Alkenes, Alkynes, Alkones Alicyclic hydrocarbons	Project	Group discussion
4	SEPTEMBER	21	Atomic Structure & Elementary quantum mechanics Gaseous state Liquid state	Slip Test	Quiz
5	OCTOBER	18	Chemistry bonding Molecular orbital theory	Student Seminar	Group discussion
6	NOVEMBER	25	Evaluating analytical data	Pre-final Exams	Clean & Green
7	DECEMBER	24	Examinations	Ass	AIDS Awareness
8	JANUARY	24	P-block elements - Oxides, Oxyacids Redox properties of oxyacids of Sulphur, $H_2SO_3$ , $H_2SO_4$ , $H_2S_2O_3$ , $H_2S_2O_8$	Assignment	Poster Awareness Program
9	FEBRUARY	21	Chemistry of d-block elements Aromatic hydrocarbons, Arenes nuclear aromatic hydrocarbons, Halogen compounds	Slip Test	Cultural activities
10	MARCH	26	Solutions; Dilute solutions; Solid state Chemistry	Student seminar	Awareness Day
11	APRIL	22	Theory of Quantitative Analysis Theories of bonding in Metals Material science	Pre-final Exam	
12	MAY		Examinations		

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 Academic Co-ordinator

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 IQAC Co-ordinator

P. V. Uluru Sani  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Chemistry  
 GROUP: Bsc [MPC], (BZC)

LECTURER: K. Geetha  
 PAPER: II

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Halogen compounds, Mechanisms of $SN^1$ , $SN^2$	Assignment	Clean & Green
2	JULY	23	Hydroxy compounds, Carbonyl Compounds	Slip-Test	Quiz
3	AUGUST	22	Carboxylic acids, Symmetry, Acidity of Carboxylic acids	Project	Group Discussion
4	SEPTEMBER	21	Phase rule - Terminology, Dilute Solution, Electro Chemistry	Student Seminar	Clean & Green
5	OCTOBER	18	Electro potential	Slip-Test	Quiz
6	NOVEMBER	25	Potentiometric Titration d- block elements	Assignment	Group Discussion
7	DECEMBER	24	f-block elements Actinides properties, Significant figure	Student Seminar	AIDS Awareness
8	JANUARY	24	Molecular orbitals, Synthetic methods	Slip-Test	Voter Awareness Program
9	FEBRUARY	21	Stereospecific, Stereo selective reactions.	Prelim Exam	Cultural activities
10	MARCH	26	Preparation		Annual Day
11	APRIL	22	Examination		
12	MAY		Holidays		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Chemistry  
 GROUP: BSc [(MPC) (BZO)]

LECTURER: K. Geetha  
 PAPER: III

S.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Nitrogen Compounds, Phase transfer catalysis	Student Seminar	Clean & Green
2	JULY	23	Chemical reaction of Amines, Heterocyclic compounds	Assignment	Quiz
3	AUGUST	22	Carbohydrates, mass spectroscopy, Aminoacids	Project	Group Discuss
4	SEPTEMBER	21	Fission of some molecular ion, Chemical kinetics - Terminology	Clip Test	Clean & Green
5	OCTOBER	18	Arrhenius equation	Assignment	Quiz
6	NOVEMBER	25	Simple Collision theory, Photochemistry laws, Thermodynamics	Student Seminar	Group Discuss
7	DECEMBER	24	Carbonyl cycle, Valence bond theory [VBT]	Project	AIDS Awareness
8	JANUARY	24	Spectral & Magnetic property, stability of Metal complexes	Assignment	Voter awareness Program
9	FEBRUARY	21	Bioinorganic Chemistry, Chlorophyll.	Pre-final Exam	Cultural Activities
10	MARCH	26	Preparation		Annual Day
11	APRIL	22	Examination		
12	MAY		Holidays		

*S. ebr*  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Chemistry  
 GROUP: BSc. [MPC] (BZC)

LECTURER: K. Geetha  
 PAPER: IV

S.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Solvent Extraction, Chromatography	Assignment	Group Discussion
2	JULY	23	Types of Chromatography methods	Student Seminars	Quiz
3	AUGUST	22	Spectroscopy, Beer-Lambert's law, Roman Spectroscopy - Rayleigh scattering	Project	Clean & Green
4	SEPTEMBER	21	Introduction of Drugs, Nomenclature	Clip-Test	Group Discussion
5	OCTOBER	18	HIV-AIDS Introduction	Student Seminars	Quiz
6	NOVEMBER	25	Classification of Pesticides, catalysis mechanism - mention - equation	Project	Clean & Green
7	DECEMBER	24	Heterogeneous catalytic reactions, molecular weight of polymers	Assignment	AIDS awareness
8	JANUARY	24	Messner effect, Nanomaterials composite properties	Clip-Test	Voter awareness program
9	FEBRUARY	21	Spectroscopy, determination of some components.	Pre-final Exam	Cultural activities
10	MARCH	26	Preparation		Annual Day
11	APRIL	22	Examination		
12	MAY		Holidays		

*S. Ar*  
 Academic Co-ordinator

*Quidi*  
 BAE Co-ordinator

*P. V. Uma S*

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Botany  
 GROUP: B.Sc

LECTURER: S. vijaya  
 PAPER: I & II Sem

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		Admissions.		
2	JULY	23	ಪೊಳುಬಾಳ್ವೆಯು, ಸ್ವಯಂಪೋಷಣೆಯು, ಆಹಾರದ ಪರಿಚಯ, ಪ್ರತ್ಯೇಕ	Home Assignment	
3	AUGUST	22	ಪ್ರಾಣಿ, ಪಕ್ಷಿ, ಮೀನು, ಮೃತ್ವೋತ್ತರ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಜೀವಕೋಶ		Pre Ch
4	SEPTEMBER	21	ಕೋಶದ ರಚನೆ, ಫೋಟೋಸಿಂಥೆಸಿಸ್ ಸಾಧಾರಣ ಲಕ್ಷಣ, ರೋಗಿ-ಸಿಂಥೆಸಿಸ್ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಜೀವಕೋಶದ ಉತ್ಪಾದನೆ	Unit Test	
5	OCTOBER	18	ಮಾನ್ವಿಕೋಶ, ಪ್ರೋಟೋಪ್ಲಾಸ್ಮ, ಉಚ್ಚೋಷ್ಣತೆ ಸಾಧಾರಣ ಲಕ್ಷಣ	Quiz 2	Co Disc
6	NOVEMBER	25	ಪ್ರಾಣಿಗಳ ಮೃತ್ವೋತ್ತರ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಪರಿಸರದ ಪರಿಣಾಮ, ಪ್ರಾಣಿಗಳ ಸಂವಹನ	Seminar	
7	DECEMBER	24	ಪ್ರಾಣಿಗಳ ಮೃತ್ವೋತ್ತರ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಮೂಲಕೋಶ, ಸಂವಹನ. ಉಚ್ಚೋಷ್ಣತೆ ಸಾಧಾರಣ ಲಕ್ಷಣ	Seminar	File vi
8	JANUARY	24	ಪ್ರಾಣಿಗಳ ಮೃತ್ವೋತ್ತರ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಮೂಲಕೋಶ, ಪರಿಣಾಮ-ಪ್ರತಿಕ್ರಿಯೆ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಜೀವಕೋಶ	Class Assignment	
9	FEBRUARY	21	ಪ್ರಾಣಿಗಳ ಮೃತ್ವೋತ್ತರ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಪರಿಣಾಮ-ಪ್ರತಿಕ್ರಿಯೆ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಜೀವಕೋಶದ ಉತ್ಪಾದನೆ		Obs Ple
10	MARCH	26	ಪ್ರಾಣಿಗಳ ಮೃತ್ವೋತ್ತರ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಪರಿಣಾಮ-ಪ್ರತಿಕ್ರಿಯೆ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಜೀವಕೋಶದ ಉತ್ಪಾದನೆ	Seminar	
11	APRIL	22	ಪ್ರಾಣಿಗಳ ಮೃತ್ವೋತ್ತರ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಪರಿಣಾಮ-ಪ್ರತಿಕ್ರಿಯೆ ಸಾಧಾರಣ ಲಕ್ಷಣ, ಜೀವಕೋಶದ ಉತ್ಪಾದನೆ		
12	MAY				

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 Co-ordinator

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 IQAC  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Botany  
 GROUP: B.S.C

LECTURER: S. vijaya  
 PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		Dictation of the syllabus, meristematic tissue Issues,		
2	JULY	23	Tissue lysosomes, xylem & phloem, leaf, stem - Achysanthus stem,	Home Assignment	
3	AUGUST	22	Boehavia stem, Beta vulgaris, embryology, mega-sporangium ovule, embryo sac, structure.		para cho
4	SEPTEMBER	21	Endosperm, Apomixis, Applied palynology,	Unit Test	
5	OCTOBER	18	plant taxonomy, nomenclature & taxonomic Resource	Quiz	Group disc
6	NOVEMBER	25	Bentham & Hooker's, Vienna code by filiation families & economic importance and families of economic importance.	Seminars	
7	DECEMBER	24	families of economic importance of - Lamiaceae, Orchidaceae, Rubiaceae, ethnomedicine, traditional medicinal system.	Seminars	Field Visit
8	JANUARY	21	Medicinal medicinal plant based, plant in primary Healthcare, medicinal seminar, combined	class Assignment	
9	FEBRUARY	26	Medicinal Botany, complement of practical exam 13.02.2017 to 04-03.17; complement of theory exam 10.03.17.		Observe plan
10	MARCH		complement of theory exam 10.03.17.	Seminars	
11	APRIL		Summer vacation: 26.04.17 to 31.05.17.		
12	MAY				

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*P. V. Uluru Saini*

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Botany  
 GROUP: B.S.C

LECTURER: S. Vijaya  
 PAPER: III

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		cell Biology, functions of plasma membranes		
2	JULY	23	plasma membranes, cell membrane, Nucleic acids, RNA functions, DNA-replication.	Home Assignment	
3	AUGUST	22	chromosomes, special chromosomes, cell division, mendelism, Genetic recombination.		peer cho
4	SEPTEMBER	21	epistasis, linkage, mutation.	Unit Test	
5	OCTOBER	18	mutations, Genetic code, extra nuclear -s.	Quiz	Group discuss
6	NOVEMBER	25	Ecology, plasmids, Bior Ecosystem, Bio, chemical cycles, food chain, hydro plants	Seminars	
7	DECEMBER	24	population ecology, community ecology, plantsarction, xerosec,	Seminars	field Visi
8	JANUARY	24	Bio-diversity, Global biodiversity, Genetic diversity, threats agriculture bio diversity.	class Assignment	
9	FEBRUARY	21	Bio-diversity conservation, Bio-spear		obse plan
10	MARCH			8	
11	APRIL				
12	MAY				

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Botany  
 GROUP: B.S.C

LECTURER: S. vijaya  
 PAPER: ~~Botany~~

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO CU AC
1	JUNE		plant-physiology, diffusion, osmosis ascent of Rsp, transpiration water absorption		
2	JULY	23	transpiration & structure of stomata mineral nutrition, microorganisms enzymes, photosynthesis	Home Assignment	
3	AUGUST	22	photosynthesis, translocation of metabolism, respiration, glycolysis		pa cl
4	SEPTEMBER	21	photosynthesis, nitrogen metabolism nitrogen protein, synthesis Genetic code	Unit Test	
5	OCTOBER	18	growth analysis, gibberellins, biosynthesis, physiology, flowers, photoperiodism.	Quiz	Gr dro
6	NOVEMBER	25	Stress physiology, tissue culture, single cell structure, protoplast culture, hybrids	Seminars	
7	DECEMBER	24	bio technology, transgenic plant seed storage, DNA Technology	Seminars	fr ve
8	JANUARY	24	Horticulture technique, cultivation floriculture	class Assignment	
9	FEBRUARY	21	vegetative propagation of plants advantages method of vegetables		Obs pla
10	MARCH				
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Manjula  
 PAPER: I & II sem

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	23	General characters and classification of protozoa, type study of elphidium, Locomotion and Reproduction in protozoa, protozoan diseases.	Home Assignment	Pre ch
3	AUGUST	22	General characters and classification of porifera Type study of Sycon, Type study of Obelia, polymorphism, coral and reef, General characters and classification of polychaeta	class Assignment	
4	SEPTEMBER	21	platyhelminthes, Cnidaria, Type study of Schistosoma General and classification of Nematelminthes, Type study of Drosacunculus, Annelida, Type study of Leech	QUIZ	Pre ch
5	OCTOBER	18	General characters and classification of Arthropoda pila, mollusca - type study of pila and pila, Echinodermata - Type study of Star-fish	Group discussion	
6	NOVEMBER	25	Revision classes		
7	DECEMBER		Exams.		
8	JANUARY	24	Ecology, Ecosystem structure function Types Aquatic and Terrestrial, Biogeochemical cycles Nitrogen	Seminar	Foe vs
9	FEBRUARY	21	Carbon, phosphorus and water cycle, energy flow food chain and food web Animal Association mutualism parasitism, competition & predation	class Assignment	
10	MARCH	26	concept of species, population dynamics & Growth curves ecological succession and Adaptations, Environmental pollution, wildlife conservation, Endangered species	Seminar	obs c
11	APRIL	22	Biodiversity and hotspots in India Revision classes		
12	MAY		exams		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 16 -17**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Manju  
 PAPER: III & IV Sem

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Protochordates - Urochordates, Herdmania structure & Retrogressive metamorphosis, Life history of herdmania, cyclostomes.	class Assignment	
2	JULY	23	Type study of scoliodon, migration in fishes & scale str types of scales in fishes, General characters & clsf <sup>n</sup> of Amphibia, Type study of Rana	QWZ	prepa char
3	AUGUST	22	Reptiles, General characters & clsf <sup>n</sup> , Type study of Calotes.	Seminar	
4	SEPTEMBER	21	Aves- General characters, classification. Type study of Pigeon, Flight adaptations in bird	Home Assignment	ozone day celeb
5	OCTOBER	18	characters & classification of mammals, Dentition in mammals.	Group discussion	
6	NOVEMBER		Exams		
7	DECEMBER	24	cell biology - cell theory difference of Prokaryotes & Eukaryotes & ultra str of cell, str & functions of plasma membrane, cell organelles str & fun, cell division	Seminar	prepara chart
8	JANUARY	21	Molecular Biology - DNA, RNA str & types, Protein Synthesis, Gene expression, PCR, Electrophoresis, Genetics, Inheritance, Inborn errors of metabolism	Home Assignment	Field Work
9	FEBRUARY	26	Evolution - Different theories, Hardy Weinberg law Forces of evolution, Isolation, Speciation, Causes & Role of extinction in evolution.	Group discussion	prepa mode
10	MARCH	22	Practicals - III Sem		
11	APRIL		Final Theory Exams		
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: *Zoology*  
 GROUP: *B.Sc*

LECTURER: *M. Manjula*  
 PAPER: *I & VII*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	23	Digestion definition and extra and intracellular digestion digestion of carbohydrates, proteins, lipids and cellulose respiratory mechanism Respiratory pigment	Home Assignment	
3	AUGUST	22	Types of circulation - open and closed circulation Types of hearts and regulation of heart beat Regulation of heart rate structure and function of Nephron	Seminars	
4	SEPTEMBER	21	Types of muscles ultrastructure of skeletal muscle fibre sliding pigment theory, muscle contraction and energy structure of Neuron Nerve impulse synaptic transmission	Group discussion	preparation chart
5	OCTOBER	18	endocrine glands hormone action and concept of second messengers male and female hormones hormonal control of menstrual cycle humans	Quiz	
6	NOVEMBER	25	concept of homeostasis mechanism of homeostasis osmoregulation - water and ionic regulation by freshwater, lipid metabolism - fatty acids synthesis	Class Assignment	Debate
7	DECEMBER		Exams		
8	JANUARY	24	Basic concepts of immunology, cells of immune system, primary and secondary organs of immune system - types of immunity innate	Home Assignment	
9	FEBRUARY	21	Basic properties of antigens structure function types of antibody epitopes antibody-antigen reaction monoclonal antibody histocamp	Quiz	preparation notes
10	MARCH	22	function of cytobines interferons and interferin complement protein, immunity hyper sensitivity and immunodeficiency	Group discussion	
11	APRIL	22	Introduction to vaccines healthcare legislation in India Revision classes WHO programmes NORT First Aid and Health Awareness	Seminars	preparation chart
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Manjula  
 PAPER: VI & VIII

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	23	entomology insect classification, morphology head thorax and abdomen insect internal morphology digestive system	class Assignment	
3	AUGUST	22	insect internal respiratory circulatory and nervous system. reproductive system growth and development medical entomology health importance of housefly, lice	Home Assignment	Project All
4	SEPTEMBER	21	importance of bedbugs disease of malaria dengue, filaria and pest in agriculture. crop pest, benefit and harmful insect agriculture	Quiz	
5	OCTOBER	18	Sericulture lac culture and social life of insect venomous insect	Group discussion	Field Vis
6	NOVEMBER		Practicals		
7	DECEMBER		Theory Exams		
8	JANUARY	24	classification of food carbohydrates protein. lipid vitamin and mineral, diet and malnutrition. deficiencies and disorders carbohydrates protein. lipid vitamin and mineral	class Assignment	
9	FEBRUARY	21	environment and health, impact occupational industrial, agriculture health, worker health disorder environment pollution and health hazard	Quiz	Project
10	MARCH	20	cause symptoms diagnosis. malaria filaria. chiklen por. hypertension, coronary heart disease water borne disease cholera E-coli chiklen por. measles	senior	Field Vis
11	APRIL	22	health care legislation in india. pregnancy act child labour act WHO programmes first aid and health awareness.	Home Assignment	
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-2017**

SUBJECT: *History*  
 GROUP: *HEP.*

LECTURER: *Dr. P. Jayaram*  
 PAPER: *I/II/III/IV*  
 Sem *I/II/III/IV/V*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		<i>Lesson-I</i> ① Sources of Indian History & Harappan Civilization ② Mughal Empire: 1526-1857 ③ Renaissance, Reformation, Counter Reformation	<i>Slip test</i>	
2	JULY		<i>Lesson-II</i> ① Aryan civilization - Vedic culture. ② II Aryan period ③ <del>Spain</del> Expansion in Europe	<i>Quiz</i>	
3	AUGUST		<i>Lesson-III</i> ① Mauryan Empire, Ashoka, Administration ② Last Mughal Rulers ③ American War of Independence.	<i>Classroom Seminar</i>	
4	SEPTEMBER		<i>Lesson-IV</i> ① Mahajanapadas - 16 - Magadha dynasty ② 1857 mutiny - Results, Governor Generals' Rule ③ Unification of Italy, Germany - Bismarck.	<i>Remedial classes</i>	
5	OCTOBER		<i>Lesson-V</i> ① Golden age of Gupta ② Social, Religion movements in India. ③ French Revolution, Napoleon Bonaparte	<i>Slip Test</i>	
6	NOVEMBER		<i>Lesson-VI</i> ① Khushan's - Kaniska - Harshavardana ② National movements - 1905-1920, 1942 ③ 1919 V.T, 1920 League of Nations.	<i>Counciling</i>	
7	DECEMBER		<i>Lesson-VII</i> ① Coming from Arabs in India. ② Rama Krishna mission ③ History of Andhra, Formation of A.P.	<i>Slip Test</i>	
8	JANUARY		<i>Lesson-VIII</i> ① Delhi sultans - 5 Branches - 1526. ② Foreign policy of Nehru, princely states. ③ Andhra Renaissance.	<i>Quiz</i>	
9	FEBRUARY		<i>Lesson-IX</i> ① Bakhti movement & sub-movement. ② Theosophical Society, Dr. Annie Besant ③ Kanchukuni, Raghupathi Naid.	<i>Exam model</i>	
10	MARCH				
11	APRIL				
12	MAY				

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 Academic Co-ordinator

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 IQAC co-ordinator

*P. V. Uma Sankar*

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-17**

SUBJECT: POLITICAL SCIENCE


LECTURER: N. HARI BA


GROUP: BA


CBCS  
I & II SEMESTER

PAPER: I  
Political Concepts Theories & Institutions

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	24	Introduction - Definition, scope & Importance of political science	Slip Test	
2	JULY	25	political science As a political science evolution of political science Relations with other social science		Group Disc
3	AUGUST	22	Approaches to the study of political science Liberal, Marxist & Behavioural	Assignment	
4	SEPTEMBER	21	Ideologies = Fascism, socialism Individualism, communism, Anarchism		elope democ cy o
5	OCTOBER	15	Theo of origin of state Divine origin theory, social contract	Quiz	
6	NOVEMBER	25	Comparison of theories Evolutionary theory	Seminar	
7	DECEMBER		EXAMINATIONS/VACATION		
8	JANUARY	20	state, Nation, Nationality	Seminar	Quiz
9	FEBRUARY	24	sovereignty - Law - sources of Law power, Authority & Legitimacy	Seminar	
10	MARCH	24	Liberty and equality Rights Theories of Forms of Government	Seminar	Group Disc
11	APRIL	24	organs of Government		char Makin
12	MAY		EXAMINATIONS/VACATION		

  
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IQAC Coordinator

  
Principal  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-2017.**

SUBJECT: *Second Language TELUGU*  
 GROUP: *BA, B.Sc., B-com,*

LECTURER: *N. Arundha*  
 PAPER: *P II*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	<del>30</del>	- - -		
			<i>I sem</i>		
2	JULY	26	వైకుంఠాష్టమీ సాహిత్య పఠనం.		
3	AUGUST	20	వ్యక్తిత్వం. సంఘాలు సమాహారం, వాక్యాలు, సామూహికాలు, పదనాటకం		
4	SEPTEMBER	25	కృత్యాల లిపిపాఠ్యాంశం - నవల గణిత గూఢకళ - పాటలకి నామవాచకం కావ్యం - సుందరం అప్పారావు	అనువంశిక	
5	OCTOBER	20	ఇయంభారీ - ఆ. (ఆ) ఆర్షగీతలు - కృత్యాలిపిపాఠం గణితం - పల్నాడు శ్రీనివాస		
6	NOVEMBER	24	రాజుకవి - గుట్టెంబాపాప రుద్రమణి - నవల	తరగతి గె సెలవార్	
7	DECEMBER	24	SEMESTER - I FINAL EXAMS		
			<i>I sem</i>		
8	JANUARY	22	గణిత ప్రయాణం - నవల ప్రపంచ పదాలు - దాసి, వారాహరిచంద్ర యనాటకం - కృతిక - పల్నాడు శ్రీనివాస		
9	FEBRUARY	22	పానంపాత సరికాటం - పుల్లె అంతర్జాతీయ - వాక్యం కృత్యం పాఠాంశం పాఠాంశం కృతిక, పాఠాంశం పాఠం - వాక్యం		World conce day
10	MARCH	26	సుఖాంశం - విను సుఖాంశం రాజుకవి, మాతృకా పాఠాంశం, అల్పికా.	slip test	
11	APRIL	21	ఇదివరకే వాక్యం, వాక్యం, సమీక్షా పాఠం, సందేహం, సమాధానం		
12	MAY		FINAL EXAMS.		

*R. ady*  
 Academic  
 Co-ordinator

*Deeds*  
 IDAC  
 Co-ordinator

*P. V. Uma Devi*  
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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016-2017**

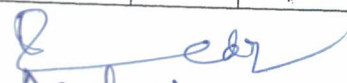
SUBJECT: Second Language Telugu


LECTURER: N. Arundhat


GROUP: B.A, B.Sc., B.com.

PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	20	తెలుగుభాషా శాస్త్రాన్ని పఠనం		
2	JULY	26	వ్యాకరణ పఠనం - అలుకారాల - భంధము.		
3	AUGUST	20	నారసింహాశ్రయం - పాఠాంశం శావరకం దదుర్గం - " నిర్మలలని నిష్ఠు " , మనమూమలు - పాఠాంశం	అనువంశిక	
4	SEPTEMBER	25	శరణి వాణిజ్యం - పాఠాంశం గుణాలయవిజ్ఞానం - పాఠాంశం		
5	OCTOBER	20	విభిన్న రాకకాగతి - పాఠాంశం సరుడనెను, నపడనెను - పాఠాంశం		
6	NOVEMBER	24	గుణాధికం - పాఠాంశం కొండమట్టెలు - కథానిక - పాఠాంశం రెక్కలకన్న - పాఠాంశం	సమీక్ష	
7	DECEMBER	24	నారదగానమాతృభంజం - పాఠాంశం గురుదక్షిణ - పాఠాంశం ఆధ్యాత్మిక అనుబంధం		
8	JANUARY	22	వాణిజ్యం భక్తిగీతం సి.పి. ప్రతాప సాహిత్య సభ	slip test	
9	FEBRUARY	22	చలనచిత్రాలు (సాంస్కృతిక నాటకం)		అలక్ష్యం
10	MARCH	26	చలనచిత్రాలు (సాంస్కృతిక నాటకం) PRE FINAL EXMINATIONS.	Revision	
11	APRIL	21.	FINAL EXMINATIONS.		
12	MAY		VACATION.		

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016 - 17**

SUBJECT: Physics  
 GROUP: MPC&MPS

LECTURER: Ambol  
 PAPER: IQ&II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	20	Vectors	theory	Assign
2	JULY	20	Vectors	theory	Assign
3	AUGUST	06	Mechanics of particles	theory	Assign
4	SEPTEMBER	15	Central force	Theory	Seminar
5	OCTOBER	13	Special theory of relativity	Theory	Seminar
6	NOVEMBER	14	Revision	Theory	Assign
7	DECEMBER	06	Revision	Theory	Assign
8	JANUARY	08	Fundamentals of waves	Theory	Seminar
9	FEBRUARY	04	Damped harmonic oscillators	Theory	Assign
10	MARCH	10	Transverse vibrations	Theory	Assign
11	APRIL	11	Longitudinal vibrations.	Theory	Assign
12	MAY				

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# GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL

ANNUAL CURRICULAR PLAN FOR THE YEAR 2016 - 17

SUBJECT: Physics  
GROUP: MPC&MPC

LECTURER: Amtol  
PAPER: II & IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	20	Matrix Method	Theory	Assignme
2	JULY	20	Diffraction	Theory	Assignme
3	AUGUST	06	Aberations	Theory	Assignme
4	SEPTEMBER	15	optical fiber	Theory	Seminar
5	OCTOBER	13	statistical Mechanics	Theory	Seminar
6	NOVEMBER	14	Thermodynamics	Theory	Seminar
7	DECEMBER	06	Thermodynamic potentials	Theory	Assignme
8	JANUARY	08	Polarization	Theory	Assignme
9	FEBRUARY	04	Interference	Theory	Seminar
10	MARCH	10	Statistical Mechanics	Theory	Seminar
11	APRIL	11	Revision	Theory	Assignme
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2016 - 17**

SUBJECT: Physics

LECTURER: Amtul

GROUP: III yr

PAPER: 184 VI

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	20	Electrostatics	Theory	Ass
2	JULY	20	Rectifiers	Theory	Ass
3	AUGUST	06	Transistors	Theory	Ass
4	SEPTEMBER	15	classification of solids	Theory	Sem
5	OCTOBER	13	Magnatostatics	Theory	Sem
6	NOVEMBER	14	Quantum Mechanics	Theory	Ass
7	DECEMBER	06	Nuclear physics	Theory	Ass
8	JANUARY	08	LCR Circuit	Theory	Sem
9	FEBRUARY	04	Revision	Theory	Sem
10	MARCH	10	Diodes	Theory	Sem
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 17-18**


SUBJECT: Chemistry


LECTURER: K. Geetha

GROUP: BSC (MPC) (BZC)

PAPER: I Year [I & II]

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		Admissions		
2	JULY	25	s-block Elements Group - 13, 14, 15 General Principles of Inorganic quantitative analysis	Student Seminar	Clean & Green
3	AUGUST	21	Structural theory of Organic Chemistry Types of Organic Reactions Alicyclic Hydrocarbons	Project & Group discussion	Quilt
4	SEPTEMBER	15	Atomic structure (elementary quantum numbers) Physical interpretation of wave function (Schrödinger wave function). Gaseous state	Slip Test	Group discussion
5	OCTOBER	21	Derivation of relationship between critical constants & Vanderwaal's constants Liquid state, Chemical bonding, MOT	Assignment	Clean & Green
6	NOVEMBER	23	Evaluation of Analytical data - significant figures, accuracy & Precision Errors	Pre-final Exams	Quilt
7	DECEMBER		Semester Examination		AIDS Awareness
8	JANUARY	22	p-block elements - Oxides Oxyacids chemistry of zero group elements Stability of various oxidation states	Project & Group discussion	Voter awareness program
9	FEBRUARY	24	Aromatic hydrocarbons. General mechanism of electrophilic substitution Orientation of aromatic hydrocarbons.	Student seminar	Cultural activities
10	MARCH	23	Solutions Non-ideal systems Dilute solutions & colligative properties Solid state chemistry	Assignment	Annual Day
11	APRIL	21	Determination of structure of NaCl, KCl, CsCl Types of Titrations, Gravimetric analysis Theories of Bonding in Metals.	Pre-final Exams	
12	MAY		Semester Examination		

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017 - 18**

SUBJECT: Chemistry

GROUP: BSc [MPC] (BZC)

LECTURER: K. Geetha

PAPER: I Year [I & IV S]

S.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		Admissions		Clean & Green
2	JULY	25	Chemistry of f-block elements Symmetry of molecules	Assignment	Quiz
3	AUGUST	21	Non-aqueous solvents. Preparation of Alcohols Ethers & Epoxides Carbonyl compounds	Project	Group discussion
4	SEPTEMBER	15	Nano materials Stereochemistry of Carbon Compounds Conformational analysis	Project	Quiz
5	OCTOBER	21	Phase rule statement & meaning of terms systems - water system solid solutions	Student Seminar	Clean & Green
6	NOVEMBER	23	Colloids & Surface Chemistry Solutions - Preparations & properties Emulsions - Preparations	Assignment	Group discussion
7	DECEMBER		Semester Examinations		AIDS Awareness
8	JANUARY	22	Coordination Compounds Organometallic Chemistry Metal carbonyl & related compounds Classification of Metal carbonyl	Project	Voter awareness program
9	FEBRUARY	24	Carboxylic acids & derivatives Synthesis based on Carbanion Nitro hydro carbons	Assignment	Culture activities
10	MARCH	23	Electrochemistry Definition & determination by electrodes Computation of E.M.F Applications of E.M.F	Student Seminar	Annual Day
11	APRIL	21	Pericyclic reactions Synthetic strategies Asymmetric synthesis	Pre-final Exams	
12	MAY		Semester Examinations		

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P. V. Uma Saini

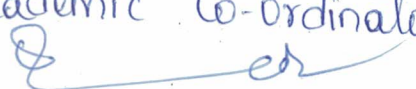
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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Chemistry  
 GROUP: BSc [MPC] (BZC)

LECTURER: K. Geetha  
 PAPER: III

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	21	Nitrogen Compounds, Phase transfer catalysis	Assignment	Group Discussion
2	JULY	25	Chemical reaction of Amines, Heterocyclic compounds	Project	Quiz
3	AUGUST	21	Carbohydrates, Mass spectroscopy, Aminoacids	Slip Test	Clear & Green
4	SEPTEMBER	15	Fission of some molecular ion, Chemical kinetics - Terminology	Student Seminar	Group Discussion
5	OCTOBER	21	Arrhenius equation	Assignment	Quiz
6	NOVEMBER	23	Simple collision theory, Photochemistry laws, Thermodynamics	Slip Test	Clear & Green
7	DECEMBER	22	Carbonyl cycle, Valence bond Theory [VBT]	Project	AIDS Awareness
8	JANUARY	22	Spectral & Magnetic Property, Stability of Metal Complexes	Student Seminar	Vote awareness program
9	FEBRUARY	24	Bio inorganic chemistry, Chlorophyll	Assignment	Cultural activities
10	MARCH	23	Preparation holidays	Pre-final Exams	Annex Day
11	APRIL	21	Examination		
12	MAY		Holidays		

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 17 - 18**

SUBJECT: Chemistry  
 GROUP: BSc [MPC] [BZC]

LECTURER: K. Geetha  
 PAPER: IV

Sl. No	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	21	Solvent Extraction, Chromatography.	Student Seminars	Group Discussion
2	JULY	25	Types of Chromatography methods	Assignment	Clean & Green
3	AUGUST	21	Spectroscopy, Beer-Lambert's law, Roman Spectroscopy-Rayleigh Scattering	Project	Quizzes
4	SEPTEMBER	15	Introduction of Drugs, Nomenclature	Student Seminars	Group Discussion
5	OCTOBER	21	HIV-AIDS Introduction	Slip-Test	Clean & Green
6	NOVEMBER	23	Classification of Pesticides, catalytic mechanism - mention - equation	Assignment	Quizzes
7	DECEMBER	22	Heterogeneous catalytic reactions, molecular weight of polymers	Project	AIDS awareness
8	JANUARY	22	Meissner effect, Nanomaterials composite properties	Slip Test	Voter awareness program
9	FEBRUARY	24	Spectroscopy, determination of some components	Pre-final Exam	Cultural activities
10	MARCH	23	Preparation Holidays		Annual Day
11	APRIL	21	Examination		
12	MAY		Holidays		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: zoology  
 GROUP: B.Sc

LECTURER: M. Pranjitha  
 PAPER: I & II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	21			
2	JULY	25	General characters & classification of Protozoa, Type study of Elphidium, locomotion & Reproduction, Protozoan diseases.	Home Assignment	Preparation Chart
3	AUGUST	21	General characters & classification of Porifera, Type study of Sycon, Obelia, polymorphism, coral & coral reef, General characters & class <sup>n</sup> of Platyhelminthis, ciliates.	Class Assignment	
4	SEPTEMBER	15	Type study of Schistoma, General characters & class <sup>n</sup> of Nematohelminthis, Type study of Dracunculus, Amebida - Type study of leech.	Quiz	Preparation chart
5	OCTOBER	21	General characters & class <sup>n</sup> of Arthropoda, Type study of prawn, mollusca - Type study of pila, General characters & class <sup>n</sup> of Echinodermata, Type study of water vascular system in starfish	Group Discussion	
6	NOVEMBER	23	Revision classes		
7	DECEMBER		Exams		
8	JANUARY	22	Ecology, ecosystem, str & function types aquatic & terrestrial, Bio-geo chemical cycles nitrogen.	Seminar	Field visit
9	FEBRUARY	24	Carbon, phosphorus, water cycles, energy flow food chain, food web, Animal association mutualism, Parasitism, competition and predation.	Class Assignment	
10	MARCH	23	concept of species, population dynamics & growth curve Ecological succession & adaptations, environmental pollution wildlife conservation, endangered species, biodiversity & hotspots in India	Seminar	Observation wild life
11	APRIL	21	Revision classes		
12	MAY		Exams		

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# GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL

ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Pragna  
 PAPER: III & IV

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	21			
2	JULY	25	Urochordata, Cephalochordata. General characters of fishes, cyclostomata, chordata	Home Assignment	Prep cho
3	AUGUST	21	Type study of Scoliodon, General characters and classification of Amphibians, Type study of Rana	Class Assignment	
4	SEPTEMBER	15	General characters and classification of Reptilia Type study of Calotes,	Quiz	Prep cho
5	OCTOBER	21	General characters and classification of Aves Type study of Columba, Migration of birds	Group discussion	
6	NOVEMBER	23	General characters and classification of mammals Type study of rabbit, Gametogenesis, fertilization Type of eggs, Placentation in mammalia		
7	DECEMBER	-	Revision classes Exams		
4 8	JANUARY	22	Introduction- cytology, cell theory, Differences of prokaryotic and eukaryotic cells, Ultra structure of cell, Structure and function of plasma membrane	Seminar	Field vis
9	FEBRUARY	24	Structure and function of cell organelles, Cell division, cell cycle and its regulations Molecular biology. Structure of DNA	Class Assignment	
10	MARCH	23	RNA structure types, DNA Replication, protein synthesis, Genetic code, Operon concept	Seminar	observ with Anim
11	APRIL	21	Molecular Biology Technique, PCR & electrophoresis Revision classes		
12	MAY		Exams		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Zoology  
 GROUP: B-Sc.

LECTURER: M. Pranjana  
 PAPER: I and II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	25	Digestion definition and extra and intracellular digestion of carbohydrates, proteins, lipid and cells. Respiratory mechanism Respiratory pigment.	Home Assignment	Prepare chart
3	AUGUST	21	Types of circulation - open and closed circulation types of hearts and regulation of heart beat Regulation of heart rate structure and function of Nephron	Class Assignment	
4	SEPTEMBER	15	Types of muscles ultrastructure of skeletal muscle fibre Sliding filament theory, muscle contraction and energy structure of Neuron Nerve impulse synapse synaptic.	Quiz	Prepare chart
5	OCTOBER	21	endocrine glands hormone action and concept of sex -dary messengers male and female hormones, hormonal control of menstrual cycle humans	Group discussion	
6	NOVEMBER	23	concept of homeostasis mechanism of homeostasis osmoregulation - water and ionic regulation by fresh water, lipid metabolism - fatty acids synthesis		
7	DECEMBER		Exams		
8	JANUARY	22	Basic concepts of immunology, cells of immune system, primary and secondary organs of immune system Types of immunity innate	Seminar	Field visit
9	FEBRUARY	24	Basic properties of Antigen structure functioning types of antibody epitopes antibody-antigen reaction monoclonal antibodies histocomp.	Class Assignment	
10	MARCH	23	function of cytokines, interferons and interferon complement protein, immunity hypersensitivity and immunodeficiency	Seminar	observe wild animal
11	APRIL	21	Introduction to vaccines Healthcare, legislation in India Revision classes WHO programme -GAT First Aid and Health Awareness		
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Pranjitha

PAPER: VI & VIII

S.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	25	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.	Home Assignment	Prepare chart
3	AUGUST	21	Selection of bee species for apiculture equipment methods, Bee diseases, products of apiculture industry & its uses.	Class Assignment	
4	SEPTEMBER	15	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.	Quiz	Prepare chart
5	OCTOBER	21	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.	Group Discussion	
6	NOVEMBER	23	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.		
7	DECEMBER	22	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.		
8	JANUARY	22	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.	Seminar	Field visit
9	FEBRUARY	24	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.	Class Assignment	
10	MARCH	23	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.	Seminar	Observe wild animal
11	APRIL	21	1.1 Types of fishes, 1.2 Fresh water fish and prawn culture, 1.3 Fresh water fishing gears and crafts, Induced breeding, 1.3. Hatchery design and management and fish and prawn. Transportation of fish and prawn, seed preservation, processing by products of fish, 1.5 fish diseases and control measures, 1.6 life cycle of Bombyx mori, 1.7 structure of silk gland and secretion of silk, 1.8. Silk worm rearing technology, spinning, balasting, storage of cocoons, silk worm pests and diseases, Prospects, sericulture in India.		
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Botany  
 GROUP: B.Sc

LECTURER: S. vijay  
 PAPER: I B I Sc

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CUR AC
1	JUNE	21	Admissions.		
2	JULY	25	Cyanobacteria, Biofertilizers, 'i	Class Assignment	
3	AUGUST	21	Viruses, Bacteria, General account of mycoplasma, Algae, chlorophytae.	Unit Test	Cr Di
4	SEPTEMBER	15	chlorophytae, phaeophytae, Rhodophytae mid term, internal.	Drawing of Diagrams	
5	OCTOBER	21	Economic importance of algae in Assiat - ue, mastigomycotina, zygomycotina		B K
6	NOVEMBER	23	Classification of Bryophytes, reproduction life cycle of mosses & liverworts, Anthoceros & Polytrichum.	Quiz	Cr Di
7	DECEMBER	22	Evolution of sporophytes in Bryophytes.	field visit	
8	JANUARY	22	pteridophytes, Rhynia, Cyclopodium, Marsilea,	Seminar	
9	FEBRUARY	24	Stelar evolution, heterosporous, Gymnosperms Economic importance of gymnosperms.	projects	P r
10	MARCH	23	morphology, root, stem, Bennettitales cycadeales, fossilization.		o P
11	APRIL	21	ii internal, practical exams, commencement of theory exams.		
12	MAY				

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 IQAC  
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*P. V. Umes*  
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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Botany  
GROUP: B.S.C

LECTURER: S.Vijaya

PAPER: II & IV Sem

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CUR ACT
1	JUNE	21	Taxonomy, types of classification, Types of classifications. Bentham and Hooker's		
2	JULY	25	Prantle system of classification, Taxonomy - Embryology, Numerical taxonomy.	Class Assignment	
3	AUGUST	21	Polypetalae, Casalpiniaceae, Gamopetalae, Ranunculaceae, Medicinal Botany.	Unit Test	G D
4	SEPTEMBER	15	Medicinal Botany, AYUSH, NMPS, plants in primary healthcare, mid-term relation	Drawing diagrams	C D
5	OCTOBER	21	plants in primary healthcare, Traditional medicine, traditional medicine, pharmacognosy.		B - 1
6	NOVEMBER	23	Plant endodermis, Collection of endodermis, maintenance of flow. last day of instructions	Quiz	G D
7	DECEMBER		Continuation of classes, Meristematic tissues, tissues, xylem phloem.	Field visit	
8	JANUARY	22	Tissues, tissue system, short-term vacuum of classes from, vascular tissue system.	Seminar	
9	FEBRUARY	24	Anamalous secondary growth, Anamalous secondary growth, procambium stem, wood structure.	pre-final S	F T
10	MARCH	23	Megasporangium, microsporangium, fertilization, Embryology.		
11	APRIL	21	Palynology - Basic principles of palynology MPC method.		
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Botany  
 GROUP: B.S.C

LECTURER: S. Vijaya  
 PAPER: III

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	21	cell biology, plasma membrane, nucleus -		
2	JULY	25	biolayers, nucleic acids, ribonucleic acids, DNA,	class Assignment	
3	AUGUST	21	chromosomes, special chromosomes, polytene cell division, mendelism,	Unit Test	Gr D
4	SEPTEMBER	15	Gene interaction, simple interaction genes mutations, mid term vacations.	Drawing diagram	C
5	OCTOBER	21	coment mutations, Duplication, Genetic code, extra nucleus genome		B - y
6	NOVEMBER	23	Ecosystem, Food chain, food web, plants, ecology,	Quiz	G D
7	DECEMBER	22	population ecology, community ecology, field term examination, plant succession.	field Visit	
8	JANUARY	22	Biodiversity, Global Biodiversity, genetic diversity, Agricultural Biodiversity	Seminar	
9	FEBRUARY	24	conservation, theories, Biospheres reserve, IUCN, Red data Book, NEP, edenicleat	prepara - IS	P
10	MARCH	.	Annual exams		
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Botany  
 GROUP: B.S.C

LECTURER: S. Vijaya  
 PAPER: W

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	21	Plant physiology, Diffusion & osmosis, Absorption of water, parts of plant.		
2	JULY	25	Abscent of sap, nutrition, enzymes, photosynthesis.	class Assignments ht	
3	AUGUST	21	photosynthesis - Dark phase, translocation, Respiration,	Unit test	Group Discus
4	SEPTEMBER	15	Nitrogen metabolism, proteins, Synthesis, Genetic code, mid term vacations.	Drawing diagrams	Ozon day
5	OCTOBER	21	Growth & Development, Auxin, abscission, cytokinesis, gibberellins,		Bother -mm
6	NOVEMBER	23	Stress physiology, tissue culture, xylem & cambium structure	Quiz	Group Discus
7	DECEMBER	22	Biotechnology, definitions, Recombinant technology, transgenic plants, types of trans plants	field Visit	
8	JANUARY	22	seed storage & prevention, control, Horticulture cultivation, glass houses, plant management - trade in India	Seminars	
9	FEBRUARY	24	vegetative propagation of plants, introduction advantages, methods of veg, practical exams	Practicals	prepara of cho
10	MARCH	2	Theory exams.		
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017 - 18,**

SUBJECT: **ENGLISH**

LECTURER: **Smt. Srid**

GROUP: **B.A/B.Com/B.Sc**

PAPER: **III, IV** K.K.C

**SEMESTER III**

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	14	<b>UNIT I</b> Poem: Life Prose: A Wrong Man in Workers' Paradise Vocabulary: synonyms and Antonyms Grammar: Prepositions	Leisure Poem	sem qui
2	JULY	18	<b>Unit: 2</b> Poem: Punishment in Kindergarten Prose: Toasted English Vocabulary: British and American English Grammar: Voice	Compre- hension	Gro Disc on
3	AUGUST	20	<b>Unit: 3</b> Poem: As I Grew older Prose: Grammar of Anarchy Vocabulary: Phrasal Verbs, Concord	compare and con- trast the poem 'Crux'	stu Proo
4	SEPTEMBER	18	<b>Unit: 4</b> Essay writing: Discursive Essay Argumentative Essay Vocabulary: Idioms, Connectives	Writing Stories	File Toi
5	OCTOBER	14	<b>Unit 5:</b> Report writing: Business Reports Media Reports Vocabulary: Technical Vocabulary	Brain Storming	Int view
6	NOVEMBER	10	Grammar: Reported speech Revision	writing a report	Perso lity lop
<b>SEMESTER IV</b>					
7	DECEMBER	14	<b>UNIT VI</b> 5 Poem : The Flower Prose : The Kite maker Vocabulary: Commonly Confused words, Determiners	The Rose Family	sem qui
8	JANUARY	16	<b>Unit VII:</b> Poem : Ecology Prose : What's the Language of the Future Vocabulary: Indianisms	Fellow- ship Un- future ch	EXTE Lectur
9	FEBRUARY	20	Grammar: Framing questions, conditionals <b>Unit VIII:</b> Poem: Television, common Errors	Writing Skills	glov Discu
10	MARCH	20	Prose: The Fringe Benefits of Failure and the Importance of Imagination	Rea Thim	glov Discu
11	APRIL	12	Vocabulary: one-word substitutes Grammar: Relative Clauses <b>Unit IX:</b> Reviews writing: Film Reviews, Book Reviews	News Paper Reading	Valu Orien tati
12	MAY		Appropriacy		

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**IRAC Coordinator**

**P. V. Chelva Sa**  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-2018**

SUBJECT: HISTORY

LECTURER: DR. P. JAYARAM

GROUP: HEP

PAPER: I/II/III/IV  
Sem I Sem II  
III/IV V/VI

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	23	<u>Lesson-I</u> : ① Sources of Indian History, Unity & Diversity ② Moghule Empire: 1526-1707 ③ Holy Roman Empire.	Slip Test	
2	JULY	22	<u>Lesson-II</u> : ① Vedic civilization-Vedic Culture ② Shesha, Akbar - Nurjahan, Shahjahan ③ Enlightened Despotism	Assignment	
3	AUGUST	22	<u>Lesson-III</u> : ① Mughal Empire - political History ② Last Mughal Rulers - 1707-1857 ③ America & French Revolution	Quiz	
4	SEPTEMBER	23	<u>Lesson-IV</u> : ① Mughal Administration. ② Coming from Europeans in India ③ Napoleon Bonapart. Reform.	Classroom Seminar	
5	OCTOBER	16	<u>Lesson-V</u> : ① Ashoka Dharma - Decline of Mughal Empire ② 1st Independence War: 1857 Mutiny ③ Unification of Italy, Germany - Bismarck.	Remedial classes	
6	NOVEMBER	23	<u>Lesson-VI</u> : ① Gupta Empire - Administration, Kanishka, Harsha. ② Social, Religious movements - Soanias. ③ American Independence, French Revolution.	Slip Test	
7	DECEMBER	23	<u>Lesson-VII</u> : ① Rajputs, Coming in <sup>Arabs</sup> Europeans in India ② Ramakrishna Mission. Swami Vivekananda. ② Andhra History, Satavahana, Kakatiya, Vijayanagara Empire.	Counselling	
8	JANUARY	24	<u>Lesson-VIII</u> : ① Coming from Arabs in India. ② Theosophical Society ③ Satavahana, Kakatiya, Vijayan	Exams patron	
9	FEBRUARY	20	<u>Lesson-IX</u> : ① Delhi Sultan's - 1206-1526 ② National Movement - 1905-1920-1942 ③ Preparation of Exams of A.P. Renaissance	Quiz	
10	MARCH	18	<u>Lesson-X</u> : ① Bhakti movement / sub-movement ② Nehru Foreign policy, princely states. ③ Formation of Telangana. Results	Exam patron	
11	APRIL				
12	MAY				

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 IQAC Co-ordinator

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: POLITICAL SCIENCE

GROUP: BA


INDIAN GOVERNMENT AND POLITICS

LECTURER: N. HARI BA


PAPER: III & IV

III & IV Semester

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	24	Nationalist movement and constitutional development.		
				slip test	
2	JULY	25	Impact of colonial rule and Indian national movement.		
			philosophical foundation and salient feature of the Indian constitution		
3	AUGUST	22	Fundamental rights and directive principles of state policy - fundamental rights and duties.	Seminar	Quiz
4	SEPTEMBER	21	statutory commissions for protection of rights national human rights commission, SCST commission		Group Disc
5	OCTOBER	15	farmers movements, Dalit movement, tribal movement, minority movement commission.	Seminar	Quiz
6	NOVEMBER	25	Environmental movement Women's movements	Seminar	
7	DECEMBER		EXAMINATIONS / VACATION		
8	JANUARY	18	union Government - president prime minister and council of ministers supreme court - judicial review; judicial activism	Assignment	Chart making
9	FEBRUARY	24	state government - governor, chief minister and council of minister, legislature, high court	Assignment	
10	MARCH	24	union state relations, recent trends in state centre relations local self government; democratic decentralisation		Quiz
11	APRIL	24	73rd constitutional amendment, 74th constitutional amendment. political process national parties, regional parties, electoral process	Seminar	
12	MAY		election commission. EXAMINATIONS / VACATION		

  
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BAC Coordinator

  
Principal  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017 - 2018**

SUBJECT: second Language Telugu  
 GROUP: BA, B.Sc, B.com, SPL Telugu

LECTURER: Ch. ఉమావతి  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	06	I sem తెలుగు భాషలో సాహిత్య పరిచయం ప్రాచీన సాహిత్యం		
2	JULY	23	ఆధునిక సాహిత్య పరిచయం		
3	AUGUST	22	శకుంతల విజ్ఞానం - నర్మదు గణనాం - పాపాలకు ప్రామాణ్యం. కౌరవం - గంధ		తెలుగు భాష
4	SEPTEMBER	14	కౌముది - సరస్వతి అపభ్రంశం సాహిత్యం ఆధునిక సాహిత్యం - నంది శిష్యులు	తరగతి గది సలహా	
5	OCTOBER	22	కౌముది - సుఖం జోషిని అభి, శత్రు - కల్యాణ గణపతి కౌముది - ప్రామాణ్యం నాటకం		Geo -
6	NOVEMBER	23	గంధం - పుస్తకాల గ్రంథ సంగ్రహం - ప్రామాణ్యం నాటకం ప్రామాణ్యం - జయ భారతి	అధ్యయన మొదల	
7	DECEMBER	26	Revision, ప్రామాణ్యం, ప్రామాణ్యం నాటకం II sem Final exams		
8	JANUARY	08	II sem గంధం మార్కం - విజయ యుగాంతం - డా. సి. నాథ తెలుగు భాషలో ఉత్పాదన - లాంఛనం	slip test	
9	FEBRUARY	23	అంతర్జాతీయ - అంతర్జాతీయ వార్తలు, అభివృద్ధి, వాస్తవిక సాహిత్యం సాహిత్యం - ప్రామాణ్యం		world concen
10	MARCH	24	సాహిత్య పరిచయం, సాహిత్యం అభివృద్ధి అభివృద్ధి, అభివృద్ధి, అభివృద్ధి, అభివృద్ధి		అభివృద్ధి
11	APRIL	23	సాహిత్యం సాహిత్యం, ప్రామాణ్యం విజయ గంధం అభివృద్ధి ప్రామాణ్యం అభివృద్ధి, అభివృద్ధి, అభివృద్ధి	slip test	
12	MAY		FINAL EXAMS		

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 Academic Co-ordinator

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 IBAC Co-ordinator

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-2018**

SUBJECT: Second language, Telugu.  
GROUP: B.A.B.Sc.B.com.

LECTURER: ch. Gajwela  
PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	06	III sem భౌతిక శాస్త్ర ప్రాధికారం. ప్రాచీన నాణ్యం.		
2	JULY	23	భౌతిక శాస్త్ర ప్రాధికారం.		
3	AUGUST	22	భౌతిక శాస్త్ర ప్రాధికారం - ఆక్షర విజ్ఞాన సమాజం - గీతాంజలి, రత్నాంజలి.	పాఠం	
4	SEPTEMBER	14	సంస్కృత ప్రాధికారం - డా॥ బాలాభిమణి అలంకార, అర్థాలంకార, ఉపాసన		
5	OCTOBER	22	సంస్కృత ప్రాధికారం - ఆక్షర సంస్కృత ప్రాధికారం - చంద్రావళి - నాటకం	Slip rest	
6	NOVEMBER	23	చంద్రావళి - నాటకం		ప్రయోగ సాహిత్య సమాజం
7	DECEMBER	26	REMSION III SEM EXAMINATIONS		
8	JANUARY	08	IV sem అర్థాలంకార ప్రాధికారం స.ప. ప్రాచీన నాణ్యం (నాటకం, చంద్రావళి - నాటకం)		
9	FEBRUARY	23	నాటకం ప్రాధికారం - వేదాంగ సాహిత్య మహాభారత ప్రాధికారం - డా॥ కమలావతి అంబేద్కర్ అర్థాలంకారం - ఆక్షర		అర్థాలంకార సాహిత్య సమాజం
10	MARCH	24	నాటకం ప్రాధికారం, చంద్రావళి - నాటకం నాటకం ప్రాధికారం, మహాభారత ప్రాధికారం		
11	APRIL	23	విజ్ఞాన సమాజం ప్రాధికారం - చంద్రావళి		
12	MAY		FINAL EXAMS		

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Academic  
co-ordinator

*[Signature]*  
IQAC  
co-ordinator

*[Signature]*  
P.V. Uma S...

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017 - 18**

SUBJECT: Physics  
 GROUP: MPC & MPCs

LECTURER: T. Srinivas

PAPER: I & II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY				
3	AUGUST	11	Vectors		
4	SEPTEMBER	16	Mechanics of particles.	Theory	Assign
5	OCTOBER	20	Central force	Theory	Seminar
6	NOVEMBER	08	Special theory of relativity.	Theory	Assign
7	DECEMBER			Theory	Seminar
8	JANUARY				
9	FEBRUARY	02	Fundamentals of vibrations	Theory	Seminar
10	MARCH	24	Oscillations	Theory	Assign
11	APRIL	17	Abberations	Theory	Seminar
12	MAY	02	Transverse vibrations.	Theory	Assign

B. Srinivas  
 Academic  
 coordinator

Devi  
 IQAC  
 coordinator

P. V. Uma  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 18-18**

SUBJECT: *Physics*

LECTURER: *T. Srinivas.*

GROUP: *MPC & MPCs*

PAPER: *III & IV*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY				
3	AUGUST	11	<i>Thermodynamics.</i>	<i>Theory</i>	<i>Semi- -nry</i>
4	SEPTEMBER	16	<i>Thermodynamic potentials.</i>	<i>Theory</i>	<i>Assign- -ment</i>
5	OCTOBER	20	<i>Quantum theory of radiation</i>	<i>Theory</i>	<i>Assign- -ment</i>
6	NOVEMBER	08	<i>Statistical Mechanics.</i>	<i>Theory</i>	<i>Assign- -ment</i>
7	DECEMBER				
8	JANUARY	04	<i>§ Optics</i>	<i>Theory</i>	<i>Semi- -nry</i>
9	FEBRUARY	02	<i>Diffraction</i>	<i>Theory</i>	<i>Semi- -nry</i>
10	MARCH	24	<i>Polarization.</i>	<i>Theory</i>	<i>Assign- -ment</i>
11	APRIL	17	<i>Laser</i>	<i>Theory</i>	<i>Assign- -ment</i>
12	MAY	02.	<i>Interference</i>	<i>Theory</i>	<i>Assignment</i>

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 coordinator

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 IQAC  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2017-18**

SUBJECT: Physics  
 GROUP: III<sup>rd</sup> year.

LECTURER: T. Srinivas  
 PAPER: IV & V

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY				
3	AUGUST	11	Solid state physics.	Theory	Assign-ment
4	SEPTEMBER	16	Crystal structure.	Theory	Assign-ment
5	OCTOBER	20	Properties of matter	Theory	Seminar
6	NOVEMBER	08	Lasers, Super conductivity	Theory	Seminar
7	DECEMBER				
8	JANUARY	04	Modern physics.	Theory	Seminar
9	FEBRUARY	02	Atomic Spectra	Theory	Assign-ment
10	MARCH	24	Nuclear Physics	Theory	Assign-ment
11	APRIL	17	Radioactivity	Theory	Assign-ment
12	MAY	09	Revision	Theory	Assign-ment

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 Academic coordinator

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 IQAC coordinator

P. V. Umeswari  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Chemistry  
 GROUP: Bsc (CMPC) (BZC)

LECTURER: K. Greetha  
 PAPER: Iyr (Isem & II)

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Admissions		
2	JULY	25	s-block elements Group - 13, 14, 15 General principles of inorganic chemistry	analysis Student Seminar	Clearance & Green
3	AUGUST	22	Structural theory of Organic chemistry Types of organic reactions Alicyclic Hydrocarbons	Project work	Quit
4	SEPTEMBER	20	Atomic structure & elementary quantum numbers physical interpretation of Wave function Schrodinger wave function.	Slip-Test	Good discuss
5	OCTOBER	19	Gaseous state Derivation of relationship b/w Critical constants & Vander waals constants, liquid state, chemical bonding, MOT	Assignment	Clearance Green
6	NOVEMBER	20	Evaluation of analytical data - Significant figures, accuracy & precision errors	Pre-final Exams	Quit
7	DECEMBER		Semester Examination		AIDS award
8	JANUARY	20	P-block elements - oxides Oxyacids, chemistry of zero group elements stability of various oxidation states	Project work	Voter awareness Program
9	FEBRUARY	24	Aromatic Hydrocarbons General mechanism of electrophilic substitution Orientation of aromatic hydrocarbons.	Student Seminar	Cultural Activities
10	MARCH	24	Solutions, Non ideal systems Dilute solutions & colligative properties solid state chemistry	Assignment	Annus day
11	APRIL	23	Determination of structure of NaCl, KCl, CsCl Types of Titrations, Gravimetric analysis Theories of Bonding in Metals	Pre-final Exams	
12	MAY	7	Semester Examination		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Chemistry  
 GROUP: Bsc (CMPC)(BZC)

LECTURER: K. Manjula  
 PAPER: II Ys (III sem & IV sem)

SL. NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Admissions		Clean & Green
2	JULY	25	Chemistry of f-block elements Symmetry of molecules	Assignment	Quiz
3	AUGUST	22	Non-aqueous solvents Preparation of Alcohols, ethers & epoxides Carbonyl Compounds	Project	Group discussion
4	SEPTEMBER	20	Nano materials Stereochemistry of Carbon Compounds Isomerism Conformational analysis	Slip-Test	Quiz
5	OCTOBER	14	Phase rule Statement & meaning of terms, Gibbs phase rule Systems - water system, Solid solutions.	Student Seminars	Clean & Green
6	NOVEMBER	20	Colloids and Surface Chemistry Solutions - Preparations & properties Emulsions - Preparations	Assignment	Group discussion
7	DECEMBER		Semester Examinations		AIDS Awareness
8	JANUARY	20	Co-ordination Compounds Organo metallic Chemistry Metal Carbonyls & related compounds classification of Metal Carbonyls	Project	Voter awareness Programme
9	FEBRUARY	24	Carboxylic acids & derivatives Synthesis based on carbon ions Nitrohydro Carbons	Assignment	Cultural Activities
10	MARCH	24	Electrochemistry, Definition & determination by electrodes, Computation of EMF Applications of EMF	Student Seminar	Annual Day
11	APRIL	23	Pericyclic reactions Synthetic Strategies Asymmetric synthesis	Pre-final Exams	
12	MAY	7	Semester Examinations		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Chemistry  
 GROUP: Bsc [MPC] (BZC)

LECTURER: V. Ravinder Reddy  
 PAPER: III yr (V & VII paper)

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Co-ordination Compounds Cristal field theory (CFT) Applications of Co-ordination compounds	Student Seminars	Clean & Green
2	JULY	25	Boranes and Carboranes Amines, Cyanides & Isocyanides	Assignment	Quiz
3	AUGUST	22	Heterocyclic Compounds, Chemical Kinetics	Project Work	Group Discussion
4	SEPTEMBER	20	Chemical Kinetics, Molecular Spectroscopy	Slip-Test	Quiz
5	OCTOBER	14	Rotational Spectroscopy, Infra red Spectroscopy	Student Seminars	Clean & Green
6	NOVEMBER	20	Electronic Spectroscopy, Photochemistry	Assignment	Group Discussion
7	DECEMBER		Semester Examination		Clean & Green
8	JANUARY	20	Inorganic reaction mechanisms Bioinorganic chemistry Hard and soft acid bases	Project work	Voter awareness Programme
9	FEBRUARY	24	Carbohydrates Amino acids & proteins	Student Seminars	Cultural Activities
10	MARCH	24	Thermodynamics, proton Magnetic Resonance spectroscopy	Assignment	Annual day
11	APRIL	23	Mass Spectroscopy Thermodynamics	Pre-tinal exams	
12	MAY	7	Semester Examinations		

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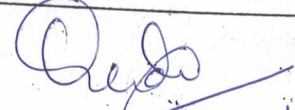
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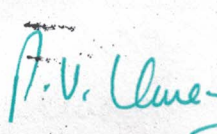
**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 18 - 19**

**SUBJECT:** Chemistry  
**GROUP:** Bsc (MPC) (BZC)

**LECTURER:** K. Greetha,  
**PAPER:** III yr (VI Paper) -  
 (VIII paper)

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	Chromatography - I Solvent Extraction	Student Seminars	clean & Green
2	JULY	25	Chromatography - Paper Chromatograph, Thin layer Chromatograph	Assign-ment	Quits
3	AUGUST	22	Chromatography - I Ion exchange Chromatography Gas Chromatography	Project work	Group Discussion
4	SEPTEMBER	20	High performance liquid Chromatogra- phy Colorimetry & Spectrophotometry	Slip Test	Quits
5	OCTOBER	19	IR Spectrophotometer, principles, sources of ra- diation, sampling, Block diagram of FT-IR Spectrophotometer	Student Seminars	Green & clean
6	NOVEMBER	20	Electroanalytical methods Interfacial methods, Bulk methods	Assign-ment	Group discussion
7	DECEMBER		Semester Examinations		AIDS Awareness
8	JANUARY	20	Diseases, Terminology in Medical Chemistry	Project work	Voter awareness Program
9	FEBRUARY	24	Drugs, Enzymes & Receptors, Receptors	Assign-ment	Cultural Activities
10	MARCH	24	Synthesis & Therapeutic Activity of Drugs Chemotherapeutics, Drugs to treat metabolic disorders	Student Seminars	Annual Day
11	APRIL	23	Drugs acting on nervous system Molecular messengers & Health promoting Drugs	Pre-final Exams	
12	MAY	7	Semester Examinations		


  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**


SUBJECT: Botany  
 GROUP: BSc

LECTURER: R. Lalitha  
 PAPER: I & II Sem.

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		<del>Admissions</del> Admissions		
2	JULY	25	Archaeobacteria, Actinomycetes, cyanobacteria, Thallus organisation, Oscillatoria, Nostoc, Anabena, lichens.	Group Discussion	
3	AUGUST	22	Viruses, plant diseases caused by viruses & control, TMV, Rice tungro, Bacteria, plant diseases, Bacterial blight of Rice.		Qu
4	SEPTEMBER	20	Algae, Thallus organisation in Algae, chlorophyta, chara, Rhodophyta - economic imp of Algs	Seminar	OZ d
5	OCTOBER	14	Fungi, mastigomycotina, zygomycotina, Basidiomycotina, Deuteromycotina. Economic imp of fungi mushroom cultivation	Assignment	obs Pla
6	NOVEMBER	20	Revision		
7	DECEMBER		Semester exams	Sem Exams	
8	JANUARY	20	Bryophytes, structure reproduction life cycle, position of marchantia, evolution of sporophyte in Bryophytes.	Assignment	Qu
9	FEBRUARY	24	Pteridophytes, life cycle of lycopodium, equisetum and marsilea, Heterospory.	T/L	Sec d
10	MARCH	24	Gymnosperms, Importance of gymnosperms, morphology and vegetative & reproductive parts, life cycle of pinus, gnetum		Int wo d
11	APRIL	23	Palaeobotany, Importance of fossils, Geological time scale, Bennettitales	Internals Exam	Ass me
12	MAY		Revision. Semester exam	Revision	Rev

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Botany  
 GROUP: BSc

LECTURER: Sathyaveer  
 PAPER: III & IV

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE		Introduction to Syllabus.		
2	JULY	25	systems of classification Benthan, APG, current conceptision Angiosperm Taxonomy chemotaxonomy, Nomenclature.	Group Discussion	
3	AUGUST	22	Annonaceae, capparidace, caesalipinaceae umbelliferae, Asteraceae, dmiaceae, Amaranthaceae, ephorbraceae.		
4	SEPTEMBER	20	Ayurveda, unani. Role of Ayush, Siddha, unani, CDRI, plants in primary health care Toppalutaga & tulas	Seminar	
5	OCTOBER	14	Karaka, kalabanda, traditional medicine & Modern medicine: Aswagandha, pharmacognony	Assignment	
6	NOVEMBER	20	Plant crude drugs & types methods of collection		
7	DECEMBER		Exams. Meristems, Tissue and Tissue Systems. Exams.	Sem Exams	
8	JANUARY	20	Tissue and Tissue systems, leaf stem and root anatomy Anamalous secondary growth of stem	Assignment	
9	FEBRUARY	24	Anamalous secondary growth, wood Structure, embryology, Anther structure part of male gametophyte	T/L	
10	MARCH	24	Ovule structure and types megasporogenesis types devt of female gametophyte, pollination endosperm polyembryony & apomixis		
11	APRIL	23	Palynology, Revision	Internal Exams	
12	MAY		Sem Exams.	Revision	

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Botany  
 GROUP: B.S.C

LECTURER: R. Lalitha  
 Sathy  
 PAPER: V SVI Paper

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO CUR AC
1	JUNE		Introduction to Syllabus.		
2	JULY	25	Plant cell envelope, Nucleus chromosomes	Group Discussion	
3	AUGUST	22	chromosomes, extra nuclear genome demonstration of cytochemical methods, microscope study of stages of mitosis		
4	SEPTEMBER	20	cell division, study of various stages of meiosis mendelism, linkage, genetic maps, mutations	Seminar	
5	OCTOBER & NOVEMBER	14	gene organisation, mechanism of transcription in prokaryotes, eukaryotes, regulation of gene expression in prokaryotes, chromosomes	Assignment	
6	NOVEMBER JULY	25	concept and components of ecosystem, ecological Pyramids definition of environment, plants & environment ecological adaptations of plants	Group Discussion	
7	DECEMBER AUGUST	22	edaphic factors soil formation, weathering colluvial, Alluvial, glacial &olian, soil erosion, population ecology		
8	JANUARY September	20	Natality, mortality, growth curves, ecotypes, community ecology, community dynamics production ecology	Seminar	
9	FEBRUARY October	24	Biodiversity, levels, threats & value, conservation of Biodiversity hotspot of India	Assignment	
10	MARCH November	24	principle of conversion Insitu & Emetu	Assignment	
11	APRIL DECEMBER	23	Practical & Theory exams for both papers	Sem Exams	
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Botany  
 GROUP: B.S.C

LECTURER: R. Lalitha  
 PAPER: VU 8 VU 9

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CUR ACT
1	Decembes <del>JUNE</del>		Importance of water to plant life, mineral nutrients.	Sem Exams	
2	January <del>JULY</del>	20	osmosis water, transpiration, stomatal unscources movements	Assign ment	
3	february <del>AUGUST</del>	24	stress physiology, translocation, enzymes photosynthesis, photophosylation	T/L	
4	march <del>SEPTEMBER</del>	24	Carbon assimilation, Respiration, electron transport system, phosphate, witsogen metabolism, nitrate reduction		
5	April <del>OCTOBER</del>	23	Ammonia Assimilation, growth & Devt. physiology of flowering & photoperiodism Role of phycochromome	Internal Exams	
6	may <del>NOVEMBER</del>	7	stress physiology:- salt, temperature, water Annual exams	Revision	
7	<del>DECEMBER</del>		Tissue culture	Sem Exams	
8	JANUARY	20	micropropagation, organ culture, cell culture protoplast culture somatic hybrids, cybrids	Assign ment	
9	FEBRUARY	24	Application of tissue culture, Induction of hairy root and its application, Biotechnology application	T/L	
10	MARCH	24	R.DNA technology, Gene cloning vectors, Gene cloning vectors, Gene libraries		
11	APRIL	23	Gene libraries. method of gene transfer in plants, production of transgenic plants	Internal Exams	
12	MAY		Annual Exams	Revision	

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**


SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: D. Prasad  
 PAPER: I & II sem

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18	General characters		
2	JULY	25	General characters & classification of protozoa, Type study of Elphidium, locomotion & Reproduction, Protozoan diseases.	Home Assignment	prep char
3	AUGUST	22	General characters & classification of porifera, Type study of Sycon, Type study of obelia, polymorphism, Coral & Coral reef. General characters & classification of platihelminthes, Cnidaria, Type study of Schistosoma.	Class Assignment	
4	SEPTEMBER	20	General characters & classification of Nematohelminthes, Type study of Ascaris, Type study of Tricurus, Annelida - Type study of leech.	Quiz	prep char
5	OCTOBER	14	General characters & classification of Arthropoda, Type study of prawn, Mollusca - Type study of Pila. General characters & classification of Chirodermata, Type study of water vascular system in starfish.	Group discussion	
6	NOVEMBER	20	Revision classes		
7	DECEMBER		Exams		
8	JANUARY	20	Ecology, Ecosystem structure function types. Aquatic & Terrestrial, Biogeochemical cycles Nitrogen.	Seminars	field visit
9	FEBRUARY	24	Carbon, phosphorus & water cycle, energy flow food chain & food web, Animal Association, mutualism, parasitism, Competition & predation.	Class Assignment	
10	MARCH	24	Concept of species, population & dynamics & Growth curves, ecological succession & Adaptations, environmental pollution, wild life Conservation, Endangered species. Biodiversity and hotspots in India.	Seminar	Obs well
11	APRIL	23	Revision classes		
12	MAY	7	Exams		

  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Pranjha  
 PAPER: III & IV sem

SL NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18			
2	JULY	25	Protozoa, ctenophora, General characters of fishes, cyclostomata, chordata.	Home Assignment	Prepage chart
3	AUGUST	22	Type Study of Scoliodon, General characters and classification of Amphibia - ang, Type Study of Rana.	class Assignment	
4	SEPTEMBER	20	General characters and classification of Reptilia. Type study of Calotes.	Quiz	Prepage chart
5	OCTOBER	14	General characters and classification of Aves. Type study of columba migration of birds.	Group discussion	
6	NOVEMBER	20	General characters and classification of mammals Type study of rabbit, Gametogenesis, fertilization. Type of egg placement in mammalia.		
7	DECEMBER		Revision classes exams		
8	JANUARY	20	Introduction - cytology, cell theory, Differences of prokaryotic and eukaryotic cells, ultra structure of cell structure and function of plasma membrane	Seminar	field Visit
9	FEBRUARY	24	cell, division, cell cycle and its regulation, molecular biology structure of DNA	class Assignment	
10	MARCH	24	RNA structure types, DNA Replication protein synthesis Genetic code, operon concept.	Seminar	observe wild animal
11	APRIL	23	molecular Biology Technique PCR electrophoresis. Revision classes		
12	MAY		exams.		

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: zoology  
 GROUP: B.Sc

LECTURER: D. Prasan  
 PAPER: I & VII sem

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18			
2	JULY	25	digestion of extra and intracellular digestion. digestion of proteins and lipid and cellular respiratory mechanism, respiratory pigment haemoglobin, chloride effect nervous-chemical	Home Assignment	prepar chart
3	AUGUST	22	Types of circulation open-closed structure of mammalian heart regulation of heart rate ammonia and osmotic function of nephron urine formation.	class Assignment	
4	SEPTEMBER	20	Types of muscle ultrastructure of skeletal muscle sliding filament theory structure of neuron Nerve impulse, synapse synaptic transmission	Quiz	prepar chart
5	OCTOBER	14	Hormone action and concept of secondary messenger male and female hormonal control of menstrual cycle in human	Group discussions	
6	NOVEMBER	20	concept of homeostasis mechanism of homeostasis osmoregulation enzymal classification carbohydrate protein metabolism. lipid. lipid metabolism		
7	DECEMBER		Exams		
8	JANUARY	20	Basic concept of immunology, cells of immune system primary and secondary organs of immune system, Types of immunity- innate	Seminar	field Visit
9	FEBRUARY	24	Basic properties of antigen & structure & function types of antibody epitopes antibody-antigen reaction monoclonal antibodies. histocompatibility	Class Assignment	
10	MARCH	24	function of cytokines interferon and interferon & complement protein, immunity hypersensitivity and immunodeficiency.	Seminar	Obes Gard Anim
11	APRIL	23	introduction to vaccines and health care legislation WHO programme - govt and health service and first aid and health awareness.		
12	MAY		Exams		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Zoology  
 GROUP: B.Sc

LECTURER: M. Pranika  
 PAPER: VI & VIII

Sl. No	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	18			
2	JULY	25	Types of fisheries, fresh water fishing gears and crafts, induced breeding, hatchery, management of fish & prawn, transportation of fish, prawn seed, preservation, processing & by products of fishes, fish diseases	Home Assignment	prepare chart
3	AUGUST	20	life cycle of bombyx mori, structure of silk gland & secretion of silk, silkworm rearing technology, spinning, harvesting & storage of cocoons, silkworm pests & diseases, prospects of sericulture in India	class Assignment	
4	SEPTEMBER	20	selection of Bee species for apiculture, equipment, methods, Bee diseases, products of apiculture industry & its uses.	Quiz	prepare charts
5	OCTOBER	14	vermiculture and vermicomposting, techniques, Bedding, essential parameters for vermiculture & management, methods of harvesting, economic importance of	Group discussion	
6	NOVEMBER	20	poultry forming, broilers & commercial layers, Poultry breeding, processing and preservation of eggs. Poultry diseases, management of modern poultry farm, progressive plans to promote poultry as a self employment venture, Dairy farm & management.		
7	DECEMBER		Animal Husbandary - Introduction, preservation of semen, artificial insemination of cattle, induction of early puberty & synchronization of estrus in cattle		
8	JANUARY	20	aquatic biomass, freshwater ecosystem, Estuaries, intertidal zones, oceanic pelagic zone, marine benthic zone, coral reefs.	Seminar	field visit
9	FEBRUARY	24	Lakes; origin and classn, ecosystem, morphometry, physio-chemical characteristics of fresh water bodies.	class Assignment	
10	MARCH	24	Nutrient cycles and lakes - Nitrogen, Sulphur & Phosphorus streams, development, physio-chemical environment, adaptations, salinity & density of sea water, continental shelf, adaptation of deep sea organisms; sea weeds.	Seminar	Observe wild animals
11	APRIL	23	Aquatic pollution, causes, eutrophication, management & conservation, water pollution acts of India, sewage treatment & water quality assesment- BOD & COD.		
12	MAY		Exams		

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**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-2019.**

SUBJECT: HISTORY

LECTURER: Dr. P. Jayaraj

GROUP: HEP.

PAPER:  $\frac{I}{II} / \frac{II}{III} / \frac{III}{IV} / \frac{IV}{V} / \frac{V}{VI}$   
 Sem -  $\frac{I}{II} / \frac{III}{IV} / \frac{V}{VI}$

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	<u>I</u> JUNE	22	<u>Lesson - I</u> :- ① Unity and Diversity / Hindu civil ② Moghule Empire / political history ③ Holy Roman Empire - pope.	Slip Test	
2	JULY	23	<u>Lesson - II</u> :- ① Vedic civilization - Aryans Admn ② Golden age of Shahajahan, Aurangzeb ③ Enlightened despotism.	Assignment	
3	AUGUST	24	<u>Lesson - III</u> :- ① 16 Janapadhas - Magadha Empire ② Moghule lost Rulers - I/II/III P Wars ③ Renaissance, Reformation, National states	Quiz	
4	SEPTEMBER	23	<u>Lesson - IV</u> :- ① Mowryan Empire - Asoka - Admn ② Coming from European in India ③ American independence war	Classroom Seminar	
5	OCTOBER	18	<u>Lesson - V</u> :- ① Andhra Satavahana, G.P. Satavahan ② 1857 mutiny - Results. ③ French Revolution - 1789.	Remedial classes	
6	<u>Seminar</u> <u>II-III-IV-V</u> NOVEMBER	23	<u>Lesson - VI</u> :- ① Golden age of Gupta - Samudragupta ② Indian Renaissance - ③ Nepelean - Bonaparte.	Slip Test	
7	DECEMBER	24	<u>Lesson - VII</u> :- ① Coming from Arabs in India - ② Ramakrishna mission ③ History of Andhra, Formation of AP.	Quiz	
8	JANUARY	23	<u>Lesson VIII</u> :- ① Lost Hindu rulers - ② National movement ③ A.P. Renaissance -	Slip Test	
9	FEBRUARY	22	<u>Lesson IX</u> :- ① Rajaput - Delhi Sultans ② 1905-1920-1930-1942 movements ③ Social Reform movement	CO-ordinating	
10	MARCH	20	<u>Lesson X</u> :- ① Bakhti movement - Subi ② Nehru Foreign policy / Patel ③ Brahmasamaj, A.P. Renaissance.	Exam Petron	
11	APRIL				
12	MAY				

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018 - 2019**

SUBJECT: *Second Language of Telugu*

LECTURER: *Ch. Lakshma Rao*

GROUP: *B.A, B.Com, B.Sc, SPL Telugu*

PAPER: *I*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	16	<i>I sem</i> తెలుగు భాషా సంహితలు పఠనం ప్రాచీన సంహితలు		
2	JULY	26	ఆధునిక సంహిత ప్రాచీనం		
3	AUGUST	21	చరిత్రానుబంధం, గాథానామకం, కంఠం ఆంధ్ర సంహిత ప్రాచీనం		పాఠ్య పుస్తకం
4	SEPTEMBER	20	కవి-కవి, శ్రీకృష్ణులు, జయభారతి, గంగోదయం ప్రాచీనాంధ్ర కంఠం, ప్రాచీనాంధ్ర కంఠం పాఠ్య పుస్తకం	క్విజ్ పేజర్	
5	OCTOBER	14	ప్రాచీన-కవిత్వం యుగం - బౌద్ధాధారిత ప్రాచీనం - పాఠ్య, నాటకం, నాటకం		పాఠ్య పుస్తకం
6	NOVEMBER	18	కవిత్వం యుగం - ప్రాచీన/ప్రాచీనం ప్రాచీనం - ప్రాచీనం - ప్రాచీనం ప్రాచీనం - ప్రాచీనం	slip test	
7	DECEMBER	26	<i>I sem Final exam</i>		
8	JANUARY	26	<i>II sem</i> గణిత విజ్ఞానం - ప్రాచీన, ప్రాచీనం ప్రాచీనం - ప్రాచీనం - ప్రాచీనం	క్విజ్ పేజర్	
9	FEBRUARY	13	ప్రాచీనం, ప్రాచీనం, ప్రాచీనం ప్రాచీనం, ప్రాచీనం, ప్రాచీనం		ప్రాచీనం
10	MARCH	23	ప్రాచీనం, ప్రాచీనం, ప్రాచీనం ప్రాచీనం, ప్రాచీనం, ప్రాచీనం	slip test	
11	APRIL	23	ప్రాచీనం, ప్రాచీనం, ప్రాచీనం ప్రాచీనం, ప్రాచీనం, ప్రాచీనం		ప్రాచీనం
12	MAY	07	<i>Final exam</i>		

*Academic co-ordinator*

*IDAC co-ordinator*

*P. V. Uma Devi*

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# GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL

ANNUAL CURRICULAR PLAN FOR THE YEAR 2018 - 2019

SUBJECT: Second Language Telugu

LECTURER: Ch. Lakshmi

GROUP: B.A, B.com, B.sc

PAPER: II

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
			II <sup>nd</sup> sem		
1	JUNE	16	తెలుగుభాషా సంహిత ప్రతిపాదన ప్రాచీన సంహిత		
2	JULY	26	ఆధునిక సంహిత ప్రామాణికాలు భక్తకవి వ్యాఖ్యలు - ఆశాపాద		
3	AUGUST	21	అభిమాన కవచం - అనియతరీతి రైలు ప్రశస్తి, సుకేసలవారివార్షిక		తెలుగుభాషా అభిమాన
4	SEPTEMBER	20	సురభాష, ఆలంకారాలు చక్క ఆలంకారాలు, అల్ప ఆలంకారాలు		తెలుగుభాషా అభిమాన
5	OCTOBER	14	సుకవిత్వం - శ్రీనాథుడు చరిత్రలు - వామన	క్విజ్ పేజ్	
6	NOVEMBER	18	చరిత్రలు వామన Revision	slip test	
7	DECEMBER	26	III <sup>rd</sup> sem Final exams		
8	JANUARY	26	నారాధన మూర్త్యులు - విశిష్ట మూర్తన వాగ్దాన భంగం -	slip test	
9	FEBRUARY	13	నారసింహ నాటకం, నాటకనైపునాటకనైపు పాపకాండ నాటకం	క్విజ్ పేజ్	అలంకారాలు నాటకం
10	MARCH	23	ఆర్థికత, ఆర్థిక ఆధునికత, సి.బి.బి.బి. సంహిత ప్రతిపాదన, మన గ్రామ వామన		
11	APRIL	23	అలంకారాలు - వామన నిరూపణ సమయం, కాలానుగుణ్యం	slip test	
12	MAY	07	Final exams		

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IQAC coordinator

P. V. Uluru Saini

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Political Science

POLITICAL THOUGHT

LECTURER: N. Vijayalakshmi

GROUP: BA

INTERNATIONAL RELATIONS

PAPER: IV & VI

V & VI Semester

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	24	Introduction - political thought Nature methods And significance	Seminar	
2	JULY	25	western and Indian political thought plato - Theory of justice, Ideal state		Qu
3	AUGUST	22	Aristotle - classification of governments Theory of Revolution and slavery Nehru - Democratic Socialism	Seminar	
4	SEPTEMBER	21	Manu - Dharma and varna Kautilya - Saptanga, Mandala Theory		Elocu Compet
5	OCTOBER	25	Niccolo Machiavelli Thomas Aquinas social Contract thinkers	Seminar	
6	NOVEMBER	10	Hobbes, Locke, Rousseau. Jeremy Bentham Utilitarianism, J.S. Mill Liberty		Essay Work
7	DECEMBER		EXAMINATIONS / VACATION		
8	JANUARY	18	Hegel - Dialectics . Theory of state T H Green - Rights, Political obligation	Assignment	Group Discu
9	FEBRUARY	24	Karl Marx - Dialectical & Historical Materialism Mao ze Dong, Antonio Gramsci	8 lip Test	
10	MARCH	24	Budha - Dhamma & Sangha Basava, Jyoti Rao Phule, M.K. Gandhi		Group Discuss
11	APRIL	24	Dr BR Ambedkar	Seminar	
12	MAY		EXAMINATIONS / VACATION		

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IQAC Coordinator

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 20 18 - 19**

SUBJECT: Political Science

GROUP: BA

INTERNATIONAL RELATIONS  
 V & VI Semester

LECTURER: N Vijayalakshmi  
 PAPER: VII VIII

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE	24	Introduction - International Relations, Definition Evolution, Scope & Significance Emergence of Sovereign State System		
2	JULY	25	Colonialism, Causes & Phases The first world war, The second world war		Quiz
3	AUGUST	22	Decolonization - Emergence of Third world - Problems & Prospects	Stop Test	
4	SEPTEMBER	21	Cold war - Meaning, Causes Peace & Security Phases, Meaning of power		Elocution Competition
5	OCTOBER	15	National Power - Super power, Regional powers, Detente - Bipolarity, Unipolarity, Multipolarity		
6	NOVEMBER	10	United Nations - Structure Regional organisations - SAARC, EU BRICS, ASEAN, India-Bilateral Relations		Group Discussion
7	DECEMBER		EXAMINATIONS / VACATION		
8	JANUARY	18	Neo colonialism, - Norm South Dialogue South South Cooperation IBRD, IMF, WTO and MNC's	Seminar	
9	FEBRUARY	24	International Security - Arms Race, Arms Control, Disarmament, Issues in Nuclear Politics		
10	MARCH	24	United Nations - Structure Environment, Human Rights, Terrorism India - China, India - Pakistan Relations	Seminar	
11	APRIL	24	Regional Organisations Foreign Policy - Determinants India's foreign policy - Non Alignment India USA, USSR.		Quiz
12	MAY		EXAMINATIONS / VACATION		

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018 -19**

SUBJECT: Physics  
 GROUP: MPC & MPCU

LECTURER: T. Srinivas  
 PAPER: I

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY				
3	AUGUST	21	Vectors	Theory Assign	
4	SEPTEMBER	18	Mechanics of Particles	Theory semer	
5	OCTOBER	17	central force	Theory Assign	
6	NOVEMBER	17	Special theory of relativity.	Theory semer	
7	DECEMBER				
8	JANUARY	14	Fundamentals of vibrations	Theory Semi	
9	FEBRUARY	24	longitudinal vibrations	Theory Semi	
10	MARCH	24	oscillations	Theory Assign	
11	APRIL	21	Abberations	Theory semer	
12	MAY	04	Transverse vibrations	Theory Assign	

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018 - 19**

SUBJECT: Physics  
 GROUP: MPC & MPCU

LECTURER: T. Srinivas  
 PAPER: III Sem, P(II)

SLNO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY				
3	AUGUST	21	Thermodynamics	Theory	Assignm
4	SEPTEMBER	18	Thermodynamic potentials	Theory	Seminar
5	OCTOBER	17	Quantum theory of radiation	Theory	Assignm
6	NOVEMBER	17	Statistical Mechanics	Theory	Seminar
7	DECEMBER				
8	JANUARY	14	optic's	Theory	Assignm
9	FEBRUARY	24	Diffraction	Theory	Seminar
10	MARCH	24	polarization	Theory	Assignm
11	APRIL	24	Laser	Theory	Seminar
12	MAY	04	Revision	Theory	Seminar

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P. V. Ulme Sar  
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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018 -19**

SUBJECT: Physics  
 GROUP: III<sup>rd</sup> year

LECTURER: T. Sriniva  
 PAPER: III & IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY				
3	AUGUST	21	Solid state physics	Theory	Assess
4	SEPTEMBER	18	crystal structure.	Theory	semin
5	OCTOBER	17	Properties of matter	Theory	Assign
6	NOVEMBER	17	Lasers, super conductivity	Theory	semin
7	DECEMBER				
8	JANUARY	14	Modern physics	Theory	semin
9	FEBRUARY	24	Atomic spectra	Theory	Assign
10	MARCH	24	Nuclear physics	Theory	semin
11	APRIL	21	Radiactivity	Theory	Assign
12	MAY	04	Revision	Theory	Assign

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018 - 19**

SUBJECT: *Physics*

LECTURER: *D. Sumal*

GROUP: *MPC & MPCs Iyr*

PAPER: *I & II*

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	13	Vectors	Test	Assign
3	AUGUST	21	Vectors, Mechanics of particles	Internal	Seminar
4	SEPTEMBER	20	Mechanics of Rigid bodies	Test	Seminar
5	OCTOBER	13	Central forces	Internal	Assign
6	NOVEMBER	17	Special theory of Relativity	Test	Seminar
7	DECEMBER		Theory exams		
8	JANUARY	20	Fundamentals of vibrations	Test	Seminar
9	FEBRUARY	22	Damped harmonic oscillations	Internal	Seminar
10	MARCH	19	Vibrating strings	Test	Assignment
11	APRIL	19	Vibrations of bars	Internal	Assignment
12	MAY	07	Revision.	Test	Assignment

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: Physics  
 GROUP: MPC III yr

LECTURER: D. Suma  
 PAPER: V, VIII

S.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURR ACTIV
1	JUNE				
2	JULY	13	Electrostatics	Theory	Ass
3	AUGUST	21	Magnetostatics	Internals	Semi
4	SEPTEMBER	20	Electromagnetic Induction,	Test	Assign
5	OCTOBER	13	Electromagnetic waves	Internals	Assi
6	NOVEMBER	17	Electromagnetic waves.	Test	Semi
7	DECEMBER		Theory exams		
8	JANUARY	20	Network elements & Network theorems	Test	Assignmen
9	FEBRUARY	22	Band theory of P-N Junction	Internals	Seminar
10	MARCH	19	Bipolar Junction Transistor	Test	Assignment
11	APRIL	19	Number systems	Internals	Seminar
12	MAY	07	Revision.	Test	Assignment

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018 - 19**

SUBJECT: Physics  
 GROUP: MPC 1<sup>st</sup> yr

LECTURER: D. Sumala

PAPER: III & IV

S.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY	13	Kinetic theory of gases	Test	Assign
3	AUGUST	21	Thermodynamics	Internal	Seminar
4	SEPTEMBER	20	Low temperature Physics	Test	Assign
5	OCTOBER	13	Quantum theory of radiation	Internal	Seminar
6	NOVEMBER	17	Statistical mechanics	Test	Assign
7	DECEMBER		Theory exams		
8	JANUARY	20	Interference.	Test	Seminar
9	FEBRUARY	22	Diffractions.	Internal	Assign
10	MARCH	19	Polarization.	Test	Seminar
11	APRIL	19	Aberrations, fiber optics	Internal	Seminar
12	MAY	07	Revision.	Test	Assign

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN-GAJWEL**  
**ANNUAL CURRICULAR PLAN FOR THE YEAR 2018-19**

SUBJECT: PHYSICS

GROUP: I MPCS & II MPCS

LECTURER: P. Sowjanya

PAPER: P-II & P-IV

SL.NO	MONTH	No. of Working Days	NAME OF THE TOPIC	CURRICULAR ACTIVITY	CO-CURRICULAR ACTIVITY
1	JUNE				
2	JULY				
3	AUGUST				
4	SEPTEMBER				
5	OCTOBER				
6	NOVEMBER				
7	DECEMBER				
8	JANUARY	06	Interference Simple Harmonic Motion		
9	FEBRUARY	24	Interference, Diffraction SHM, Damped Oscillator	Theory	Intern
10	MARCH	23	Fraunhofer & Fresnel diffraction Vibration of strings	"	
11	APRIL	22	Polarization Vibrations of bars	"	Intern
12	MAY	24	Revision, Practical & Theory exams		

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